

## Experiment Two

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Participant id:

10422757

Participant first, last name:

Gulbinder Tahim.

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Password: exemplar2009

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Completed Seven Tasks



# Task

Create an application that loads and parses HTML documents and creates a DOM tree. The application should traverse the tree, retrieving the values of the HTML attributes and elements en route. In addition, the application should enable users to create and modify HTML documents by changing the DOM tree directly.

## Results

Please specify what keywords you used in your query:

Create change DOM Tree HTML Document

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	loadngo aml	2	only Explain XML DOM Tree
2	J1V910	3	DOM Tree to HTML Template
3	HTML DOM	3	HTML DOM for .net platform
4	plastex	2	for LaTeX Document

5	<u>Jokere</u>	3	DOM for HTML
6	DOM let 45	3	DOM to HTML
7	HTML CXX	1	for C++
8	XSPY dev	1	for PHP
9	HTML Doc object	2	HTML Doc object
10	Jaxe	1	GUI XML editor

# Task

Find an application that uses JavaBeans which uses the bound indexed property to determine property change in this application bean. The application should display some text in its GUI.

## Results

Please specify what keywords you used in your query:

bound indexed property ~~change~~ JavaBeans

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Property Mapper	1	Java Bean Generator
2	Naval Java Bean	1	Library for Java Beans
3	Swing Property Binding	3	Swing Property Binding
4	Jpropeller	2	Simple implementation of property object
5			

	ABS	1	propert server
6	<u>JBarcode</u>	2	JFC - swing Capant
7	Jbean mapper	1	Converting Jva bean to Jrus bean
8	JP200PS	1	Java System Properties
9	Configura	1	Creates JAV waypoints
10	proper edit-	2	proper string in HTML JAV

# Task

Implement an application that performs pattern matching operations on a character sequences in the input text files. The application should support iterating through the found sequences that match the pattern. In addition, the application should support replacing every subsequence of the input sequence that matches the pattern with the given replacement string.

## Results

Please specify what keywords you used in your query:

Pattern matching on a character sequences  
replace  
ment

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Banjan	3	Character sequence and output character
2	Graph spider	2	Graphically Pattern matching.
3	Elite	2	style programming
4	Gxparse	1	X parser

5	XML ex parse	3	Pattern matching
6	Search Desktop	3	Advanced Search Program.
7	Jrexx	1	Automaton
8	Ai Kernel	2	Pattern Matching
9	Fs grep	2	File matching
10	Math eclipse plugin	2	Math Expression parser



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# Task

Implement a library similar to a synthesizer that supports generating sounds. These synthesizers should support different transmitters (i.e., sends midi events) and receivers (i.e., receives midi events and interprets them).

## Results

Please specify what keywords you used in your query:

Generate, Transmite, receive sound synthesizer

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	<u>Pich patch</u>	2	Sound processor using GUI
2	Noise comp	3	Java Synthesizer I/p, o/p
3	Fluid Gui	2	GUI based Fluid synth
4	Semio fm	3	Sound analysis

5	<u>Melonsilio</u>	3	GUI sound synth
6	Open Source Tunnel	1	for Fwd Messages
7	<u>FINA</u>	1	Financial reporter
8	sky synth	4	GUI synth
9	Rasmus DSP	3	Filters & Generation of sound
10	<u>cgstmad</u>	2	GNU speech

5

# Task

Implement a library for handling security permissions in a database. The library should support creation of permissions, retrieval and checking permissions by clients, setting system-wide security permissions, retrieval of security permissions with the specified key, adding and removing providers and clients for various permissions.

## Results

Please specify what keywords you used in your query:

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	<u>SeG</u>	1	NO source files
2	<u>JDBF</u>	1	file storing
3	Teams & herats	3	role based access & permissions
4	J2EE SMS	1	for SMS

5	Mgnet's Cemans	1	Utility Java
6	Buzz SQL	1	JDBC
7	Joint middleman son	1	middle man server
8	Lucky	1	library of Java classes
9	Stinger HTTP	2	validation Engine
10	Zueh	1	MVC Framework

# Task

Implement a library for managing concurrent access to hash maps (i.e., the hash maps data structures should be simultaneously accessible by multiple client threads). The concurrent hash table map or table should support regular operations such as clear, contains, put, remove, replace, size, etc.

## Results

Please specify what keywords you used in your query:

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	<u>uvvala</u>	↑	non concurrent
2	<u>web GIS</u>	↑	web based MAP Tiles
3	<u>Google WMS</u>	↑	Google MAP
4	<u>Levan pre</u>	↑	second generation system

5	SMSA		Multiple Accesses
6	Java APS		for MAPS
7	Java Concurrent Annotated		Concurrent Programming
8	Opentest man		MAP
9	MY inaps		for MAPS
10	SAP JCO.		SAP-XML

# Task

Load and execute Java threads from a folder containing classes. Load each class and execute it in its own thread. Keep information about the number of threads and how long to completion. Keep a pool of available threads to accommodate user inputted class names.

## Results

Please specify what keywords you used in your query:

execute Java threads from classes pool of Threads

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	fox bot	3	Using Threads
2	Misc Java Applications	1	Java classes
3	Justam	3	pool of Threads
4	Quick seg. digr	1	Diagram editor

5	<u>JBASE</u>	1	BASIC interpreter
6	Java utils class	1	Java utility class
7	CAZAPool 3D	1	3D Pool game
8	Parallel Java comm.	1	Java Course
9	JavaMi	1	even Driven Program
10	<u>JFOP</u>	3	multiple thread



## Experiment Three

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Participant id: 10422757

Participant first, last name: GULBNER TAHIM

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Completed six tabs

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## Experiment Three

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Participant id: 10422757

Participant first, last name: GULBNER TAHIM

Block: Yellow

Please direct your browser to [http://www.xemplar.org/search/index\\_adv.jsp](http://www.xemplar.org/search/index_adv.jsp)

In the end of this experiment, please write your comments below this line

Completed six tasks

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# Task

Find applications that use glyph painting facilities to enable users to deal with a range of viewing options. The goal is to reuse found applications to create visual presentation of texts and fonts, some of which are foreign.

## Results

Please specify what keywords you used in your query:

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Downswif	3	uses Glyph metrics
2	GARZ	3	uses Glyph vector init.
3	Jivan	3	uses Glyph vector
4	JCustomizer	2	uses Color, Font.

5	TIVO	3	uses Glyph vector
6	Tek math	3	uses Glyph metrics
7	SWT susy	3	uses Glyph metrics
8	Mc Billings	3	uses Glyph metrics
9	Star dak	2	Cartesian Column & font
10	Char DB	3	uses Glyph vector

2

# Task

Create a lightweight virtual machine that supports data transfers using clipboard. Data transfer feature of this machine can be implemented with the help of sun GUI support.

## Results

Please specify what keywords you used in your query:

Data transfer using clipboard sun GUI

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	J Glass	2	Data Transfer
2	JVM wikipedia API	2	Wikipedia
3	PastePro	2	Data Transfer from one system to another
4	J Transfer	2	- de -

5	FTP DMS chart	1	Remote Doc mgmt
6	J memoize	3	Transfer Hardk
7	Greenp	3	- do -
8	J Platform	3	- do -
9	fscapt	3	- do -
10	J clipshov	3	using clipband



# Task

Parse a Java source file and output the abstract syntax tree (AST). Allow the user to traverse and modify the AST with a graphical interface.

## Results

Please specify what keywords you used in your query:

AST ~~traverse~~ ~~GUI~~

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	<del>AST</del> <del>TRIPPLE</del> <del>reproduce</del>	3	AST
2	Eclipse NSIS	3	AST
3	AST Reproduce	3	AST
4	Eclipse cheats style	3	AST

5	Java Decompiler	4	—
6	Tea Proc	4	—
7	Java Trait	4	—
8	X10	4	—
9	AST Tutorial	1	Tutorial
10	Java Project	4	—

X

# Task

Create a GUI application that shows data in dynamically modifiable tables that have scrollbars. These scrollbars can change their orientations in tables based on the number of rows and columns.

## Results

Please specify what keywords you used in your query:

*Dynamically modifiable tables change orientation*

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	<i>zePhyr</i>	<i>3</i>	<i>orientable Flow layout</i>
2	<i>DB schemas change</i>	<i>1</i>	<i>relates to db.</i>
3	<i>Memoranda</i>	<i>3</i>	<i>orientable Flow layout</i>
4	<i>multi comp ftp</i>	<i>3</i>	<i>do</i>

5	<u>FLEAK</u>	3	orientable Flawlyard
6	Lustre	3	- do -
7	Agony regretful	3	- do -
8	Jury Box	3	- do -
9	Blood Bowl	3	- do -
10	<u>Irish Spectator</u>	3	- do -

# Task

Implement a library for checking XPath expressions. The checker should support compiling XPath expressions, evaluating XPath expressions in the context of the specified XML document and returning the results as the specified type.

## Results

Please specify what keywords you used in your query:

XPath expressions, Evaluate XML Document

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Mobile mark	3	X path variable
2	X path Explains	1	Application no source code
3	X path workbook	1	eclipse plugin
4	XML X path	1	Application no source code

5	PDDL4J	3	X Path variable
6	J Boolean Expression	1	JQL API
7	Hybrid Petri net	3	X Path variable
8	Simple XPath variable Parser	3	Parser to XPath
9	Deep Arc	3	X Path
10	NUIN BDI Agent	3	X Path

6

# Task

Implement a simple drag and drop manager. The manager should specify when and how a drag gesture may occur and implement a set of handlers that shall be invoked in order to cause processing of the user's navigational gestures. The manager should also define and implement drag and drop protocol notifications. The drag and drop manager shall permit only one drag and drop operation at a time and shall reject any further drag and drop requests until the extant operation is complete.

Drag and Drop Protocol ~~notification~~

## Results

Please specify what keywords you used in your query:

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	wab9 for DOS	3	Drag & Drop
2	open Robotic	1	Robotic codes
3	dnd4 gwt	3	Support Drag & Drop

4	JDIC Desktop	2	Integration with desktop
5	D4D install dev. sys.	1	Program no source code
6	JXMC editor	3	Drag & Drop
7	Concan Trigger	1	Program no source code
8	Pass Run	2	exam manager
9	TLA/ TIC	1	editor no source code
10	GJAV	3	Drag & Drop



# Experiment One

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Participant id: ~~GULBINER~~ 104 22757

Participant first, last name: GULBINER . S . TAHIM

Block: **Yellow**

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Finished 5 Taske



# Task

Create an application for sharing, viewing, and exploring large data sets that are encoded using MIME. The data sets may represent blogs or genome sequences. The data can be stored using key value pairs. The application should support retrieving data items by mapping keys to values.

## Results

Please specify what keywords you used in your query:

sharing viewing exploring  
large data set.

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	H1sec	2	Can't see the source code
2	Cubic Browser	2	Relates to 4D Cubic Lotus
3	NTP Browser	3	Relates to server data only
4	Vizumire	4	Helps. Extract information from db data.

5	g6wormelt	3	viewing, sharing & publishing recipes.
6	fictor	2	for Graphic Content and
7	txtst	4	exploring large amounts of multi lingual texts..
8	esejust	2	Tool For questionnaire Data Collection.
9	Braingain	4	APP <sup>n</sup> for view, share & Transform Documents
10	PaperSage	2	Relates to Astrophysics Data system

# Task

Implement a library to support an affine transformation between vector spaces (i.e., affine vector spaces) using linear transformations (rotation, scaling or shear) and translations (shift).

## Results

Please specify what keywords you used in your query:

Linear Transformation between vector spaces.

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	cutting problem	2	relates to cut a rectangular plate
2	TerraJ	2	relates to solar system
3	Procedurally generated spaces	1	no files
4	Procedural Cartoon Animations	3	use of Hash Map

5	HTML processor	2	HTML Java library
6	settle	2	XML - Transform instructions from Source to Target System
7	JSWI	3	Uses Affine Transform
8	Linear AI	2	Quantum Computing
9	Sample vector library	3	Managing Vector graphics.
10	Semantic web space	1	Middleware for semantic web space

# Task

Develop a universal sound and voice system that allows users to talk, record audio, and play MIDI records. Users should be able to open source connections with each other and communicate. A GUI should enable users to save conversations and replay sounds.

## Results

Please specify what keywords you used in your query:

GUI Based sound and voice system play MIDI

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	MIDI improviser	2	MIDI improviser.
2	Tortones	3	Jam sound ABI
3	Jam sound resources	3	Jam sound ABI Examples
4	sky synthesizer	3	MIDI synthesis

5	Sound gid	3	Graphical music composer
6	PasMus ESP	3	Audio/MIDI processor
7	Audio Development system	4	Embedded Audio/MIDI processor
8	Tox Guitar	2	Specific to Guitar
9	EnzAn/kam	2	Play/edit music It is a Executable programme Can't see Java code files
10	code sander	4	Java Sonification Library



A

# Task

Implement a library for representing and manipulating with BigDecimal numbers. A BigDecimal consists of an arbitrary precision integer unscaled value and a 32-bit integer scale. If zero or positive, the scale is the number of digits to the right of the decimal point. If negative, the unscaled value of the number is multiplied by ten to the power of the negation of the scale. The value of the number represented by the BigDecimal is therefore  $(\text{unscaledValue} \times 10^{-\text{scale}})$ .

## Results

Please specify what keywords you used in your query:

represent Big decimal number  
32-bit integer  
unscale to scale

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	<del>Lazy JavaFX</del> E calculator	2	Plugin for eclipse
2	Decimal floating point <del>Arithmetic</del> Library	2	Java Decimal floating point made
3	<del>netee</del> Web for Doe	2	Tcp socket capabilities
4	<del>Ch2 Java</del> MBACC	4	This is for language

5	RPN fraction <del>base</del> calculator 2	It is for whole numbers only
6	<del>Java</del> number base converter 3	number base converter
7	<del>The</del> <del>Java</del> DIF 2	For Date interchange
8	Personal <del>financial</del> <del>mgr</del> Engineer 4	Personal financial mgr
9	<del>JSP</del> <del>web</del> browser 4	web browser
10	<del>web</del> API 4	web development API

Beans  
Personal

# Task

Create an application for creating, opening, and manipulating \*.zip files. The application should support opening \*.zip files for reading, deleting after opening as well as adding new entries into existing \*.zip files.

## Results

Please specify what keywords you used in your query:

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Areca Backup	2	for Backup of Files
2	Jar Search Tool	3	Search in Jar/zip files
3	XML web Gui	4	for XML Files
4	Jpa/m	2	for mobile DB files

5	web data zip	3	for web page compression
6	Tools for M3G files	4	for M3G Files
7	Eclipse zip editor	3	zip editor
8	BigZip	4	GUI Java Based Compression
9	BooZip	3	backup in to zip files
10	<u>GUESS</u>	4	for Graph Exploration