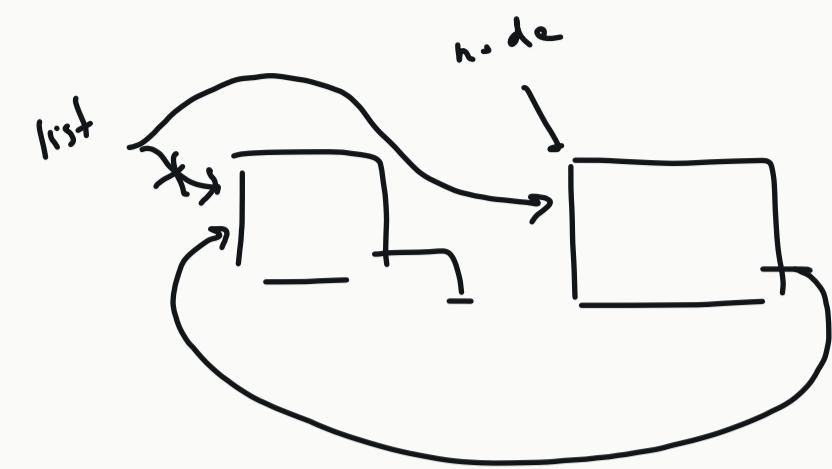


```

OBJ_T *list;
OBJ_T *node;
list = NULL;
  
```

```

while (new object) {
    node = (OBJ_T *) malloc (sizeof(OBJ_T));
    node->sphere ctr. x = 0;
    :
    node->next = list;
    list = node
  
```



```
typedef struct OBJ {
```

```

    ...
    struct OBJ *next;
}
```

~~rt.h~~ SCENE_T
OBJ_T *objs;
LIGHT_T light;
start_x
start_y
pixel_size

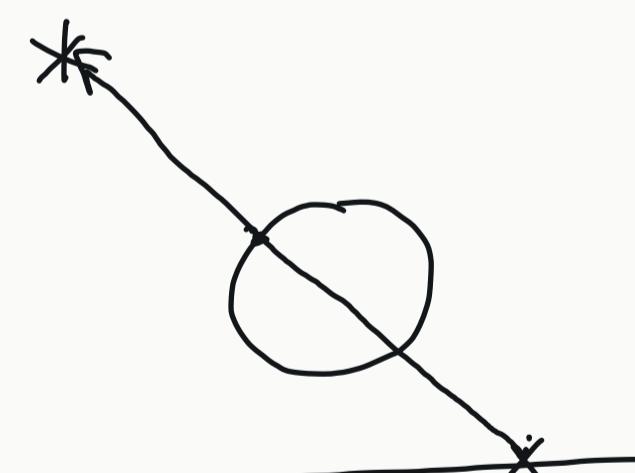
File I/O
stdlib.h filename
FILE *fp; / w
fp = fopen (fn, "w");
fprintf (fp, "%c%c", ...);

fscanf (fp, "%c", &c)

frame OBJ_T *curr;

```

for (curr = scene.objs; curr != NULL;
     curr = curr->next)
    if ((*curr->intersect)(...))
```



light.c
static int shadow-test
int-pt

shadow-ray = light.loc - int-pt

shadow-ray = vp_subtract (light.loc, int-pt);

//normalize shadow-ray

for (objs)

if intersect
return 1

illumination
after ambient
before direct specular