SymTable Hash Table Implementation

```
oSymTable = SymTable_new();
SymTable_put(oSymTable, "Ruth", "RF");
SymTable_put(oSymTable, "Gehrig", "1B");
SymTable_put(oSymTable, "Mantle", "CF");
SymTable_put(oSymTable, "Jeter", "SS");
```

Actually, this is the address of an area of the heap that contains the string "Ruth"

Actually, this is the address, supplied by the client, of an area of memory that contains the string "RF"

0	NULL
1	NULL
	...
85	●
	...
260	●
	...
470	●
	...
	NULL
508	NULL

Ruth | RF | NULL

Jeter | SS | ● → Mantle | CF | NULL

Gehrig | 1B | NULL

oSymTable ●

4

509

Stack

Heap