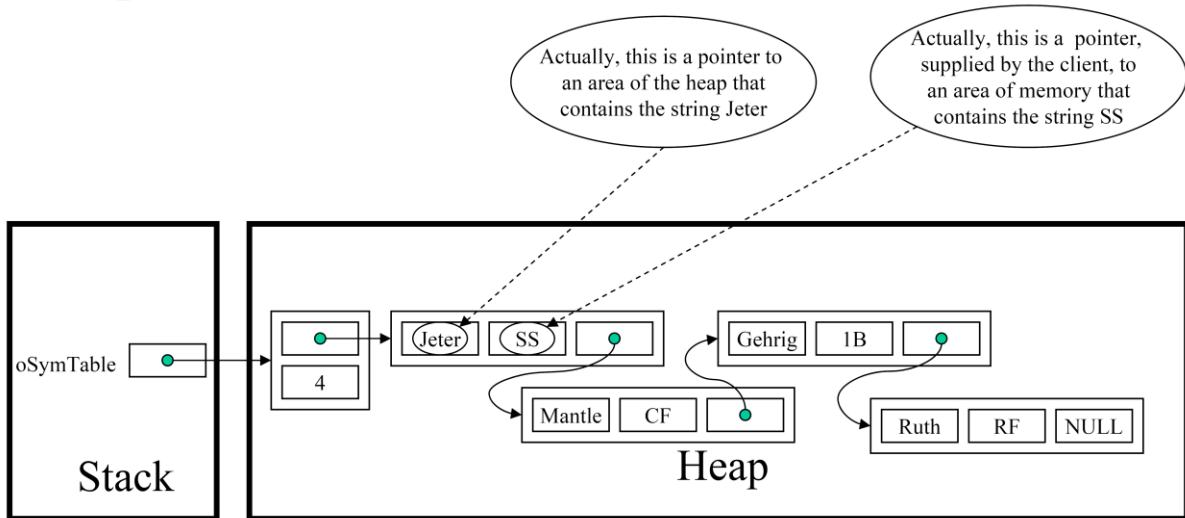# KAIST
EE209: Programming Structures for EE
SymTable Linked List Implementation

```
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 a pointer to an area of the heap that contains the string Jeter

Actually, this is a pointer, supplied by the client, to an area of memory that contains the string SS

oSymTable

Stack

Heap

Jeter   SS

4

Mantle   CF

Gehrig   1B

Ruth   RF   NULL