







```
/*----INPUT-----
ENTER TOTAL NUMBER OF SYMBOLS :
ENTER SYMBOL NAME :
ENTER SYMBOL ADDRESS :
122
ENTER SYMBOL NAME :
next
ENTER SYMBOL ADDRESS :
102
ENTER TOTAL NUMBER OF LITRALS :
ENTER LITERAL NAME :
ENTER LITERAL ADDRESS :
102
ENTER LITERAL NAME :
ENTER LITERAL ADDRESS :
105
ENTER LITERAL NAME :
ENTER LITERAL ADDRESS :
106
ENTER LITERAL NAME :
ENTER LITERAL ADDRESS :
ENTER LITERAL NAME :
ENTER LITERAL ADDRESS :
133
Input file :output.txt
     (AD, 1)
                 (C, 100)
100
    (IS, 4)
                 (RG, 1)
                            (C, 05)
```

```
(IS, 4)
101
                     (RG, 2)
                                   (C, 10)
                                          (RG, 2)
102
       (S,1) (IS,1)
                            (RG, 1)
103
                     (S,2) (L,1)
       (IS, 5)
104
                                   (S, 1)
       (IS,3)
                     (RG, 1)
105
       (AD, 3)
                     (C, 102)
102
       (AD, 5)
                     (DL, 2)
                                   (C, 5)
103
       (IS, 5)
                     (S,3) (L,2)
       (IS, 5)
104
                     (S,4) (L,3)
       (AD, 5)
                                   (C,8)
105
                     (DL, 2)
                     (C,8)
106
       (DL, 2)
107
       (IS, 5)
                     (S, 2) (L, 4)
108
       (IS, 5)
                     (S,3) (L,5)
109
       (DL, 1)
                     (C, 02)
111
       (DL, 2)
                     (C, 10)
112
       (DL, 1)
                     (C, 09)
121
       (S, 5) (AD, 4)
                            (S, 1)
122
       (AD, 2)
       (DL, 2)
                     (C, 7)
123
       (DL, 2)
                     (C,8)
124
```

Obj.java

```
public class Obj {
    String name;
    int addr;
    Obj(String nm, int address)
    {
        this.name=nm;
        this.addr=address;
    }
}
```

```
Pooltable.java

public class Pooltable {
  int first,total_literals;
public Pooltable(int f, int l) {
      // TODO Auto-generated constructor stub
      this.first=f;
      this.total_literals=l;
}
```