19CSE401 Compiler Design Lab

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Lab Exercise- 04

Aim: To Implement Symbol Table

Code:

Output:

```
asecomputerlab@linux:~/CDLAB180$ nano symbol_table.c
asecomputerlab@linux:~/CDLAB180$ gcc symbol_table.c -o symbol_table
asecomputerlab@linux:~/CDLAB180$ ./symbol_table
Input the expression ending with $ sign: a+b=c$
Given Expression: a+b=c
Symbol Table display
Symbol Address
                         Type
                                 identifier
a
         0x564c531d6ac0
         0x564c531d6ae0
                                 operator
Ь
         0x564c531d6b00
                                 identifier
         0x564c531d6b20
                                 operator
         0x564c531d6b40
                                 identifier
```

Result: Thus, the program to implement symbol table has been executed successfully.