

Government Engineering College **Thrissur**

CS331 – System Software **Lab Documentation** **Exp11 – Symbol Table**

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Experiment 11:

To implement a Symbol table with suitable

hashing

Compilation of CodePrerequisite

- The code is provided in the **program.c** file along with its documentation. You just need to run it on any compiler.
- Compile like *gcc program.c*
.\a.exe
- The program will take input for user input and print output into an outfile as well as in the terminal.
- Suitable choices should be taken for suitable operations: Insert, Delete, Display, Continue and Exit
- The output file is **Output.txt**.

Output Screenshots

```
C:\Users\rejat\Desktop\Assignment\ss lab\E11\upload>gcc program.c
C:\Users\rejat\Desktop\Assignment\ss lab\E11\upload>.\a.exe
Enter your choice(1.Insert 2.Search 3.Display 4.Exit)1
Enter the address: 1000
Enter the label: data
Continue(1.Yes,0.No)?1
Enter the address: 1003
Enter the label: test
Continue(1.Yes,0.No)?1
Enter the address: 1007
Enter the label: abc
Continue(1.Yes,0.No)?0
Enter your choice(1.Insert 2.Search 3.Display 4.Exit)2
Enter the label: abc
The label abc is present at index 1
Enter your choice(1.Insert 2.Search 3.Display 4.Exit)2
Enter the label: hi
Symbol not present
Enter your choice(1.Insert 2.Search 3.Display 4.Exit)3
1 abc 1007
2 test 1003
3 data 1000
Enter your choice(1.Insert 2.Search 3.Display 4.Exit)4
C:\Users\rejat\Desktop\Assignment\ss lab\E11\upload>
```