Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**2**

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Practice all the Linux commands discussed in this lab while taking assistance using the **man** command. Write the complete syntax used for utilizing the **cp**, **mv** and **rm** commands in Linux shell. |
| 2 | Write the C programs provided in this lab and generate their outputs over Linux environment (provide snapshot). |
| 3 | Write a C program on the Linux environment that takes your marks as an input and display your grades accordingly to that followed at Bahria University. Limit your program to a maximum of five subjects. Use the suitable logical operator(s), i.e. and (&&), or (||), not (!), if required. |
| 4 | Write a shell script to display your address over multiple lines. |
| 5 | Write a shell script that would traverse among any three directories that are placed under the /home directory. While moving from one directory to another, the script should display the name of the current working directory and list the content within that directory, including the hidden files. |

Submitted On:

Date: 21/03/2022

**Task 1: Practice all the Linux commands discussed in this lab while taking assistance using the man command. Write the complete syntax used for utilizing the cp, mv and rm commands in Linux shell.**

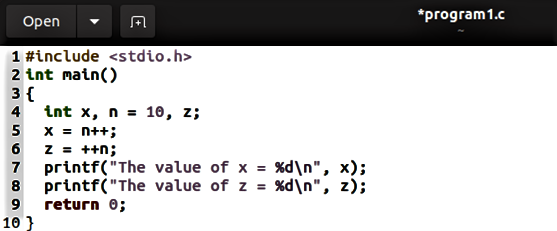
**Solution :**

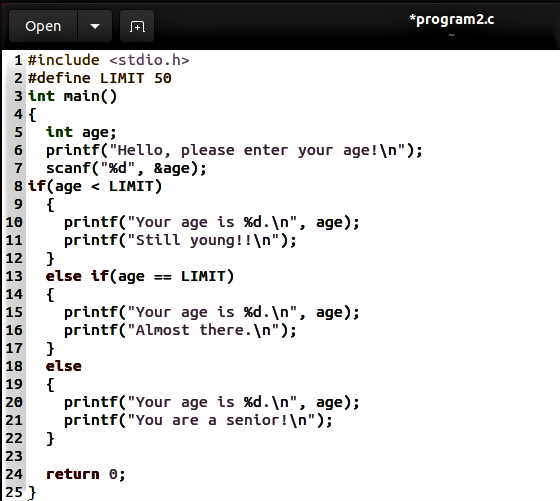
Text

Description automatically generated

**Task 2: Write the C programs provided in this lab and generate their outputs over Linux environment (provide snapshot).**

**Solution :**

 **Program1**

 **Program2**

**OUTPUT :**

**Program1**

Text

Description automatically generated

**Program2**

Text

Description automatically generated

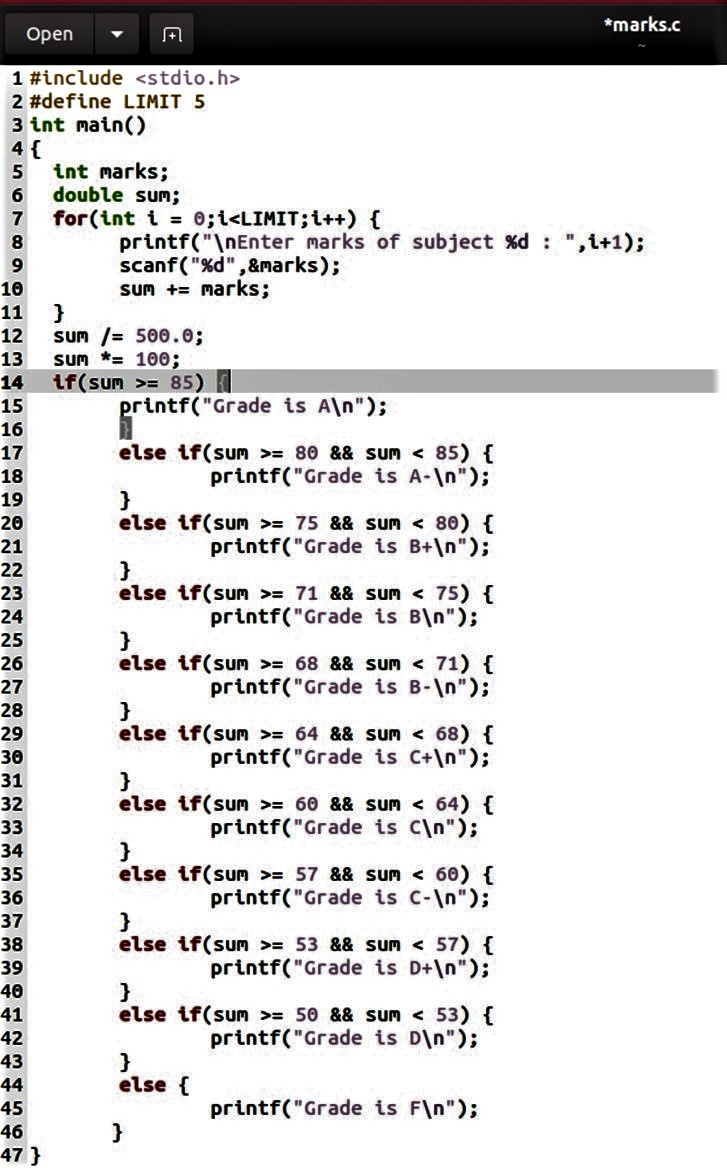
Text

Description automatically generated

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**Task 3 : Write a C program on the Linux environment that takes your marks as an input and display your grades accordingly to that followed at Bahria University. Limit your program to a maximum of five subjects. Use the suitable logical operator(s), i.e. and (&&), or (||), not (!), if required.**

**Solution :**

**OUTPUT :**

Text

Description automatically generated

**Task 4 : Write a shell script to display your address over multiple lines.**

**Solution :**

**Graphical user interface, text, application

Description automatically generated**

**OUTPUT :**

Text

Description automatically generated

**Task 5 : Write a shell script that would traverse among any three directories that are placed under the /home directory. While moving from one directory to another, the script should display the name of the current working directory and list the content within that directory, including the hidden files.**

**Graphical user interface

Description automatically generated with medium confidenceSolution :**

**OUTPUT :**

Text

Description automatically generated