Operating System

Lab Report

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Vi Editor in Ubuntu

Objective

To learn and practice the use of vi Editor of Ubuntu.

Software Tool

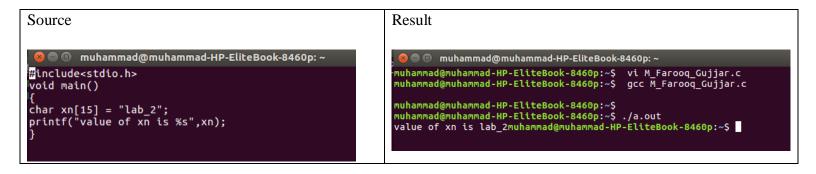1. Ubuntu Terminal
2. Screenshot

1 Theory

This lab-task was given by Instructor to perform following programs (in Any Programming Language) on the Vi Editor of Ubuntu. I performed these Programs in C language and Attached the result as Screenshot.

2 Task

a) Defining Variable x with value 10 & printing on screen.

Source	Result

b) Defining Variable XN with value "Lab_02" & printing on screen.

Source	Result

muhammad@muhammad-HP-EliteBook-8460p: ~
 	
```#include<stdio.h>```
```void main()```
```{```
```char xn[15] = "lab_2";```
```printf("value of xn is %s",xn);```
```}```
	muhammad@muhammad-HP-EliteBook-8460p: ~
	
	```muhammad@muhammad-HP-EliteBook-8460p:~$ vi M_Farooq_Gujjar.c```
	```muhammad@muhammad-HP-EliteBook-8460p:~$ gcc M_Farooq_Gujjar.c```
	
	```muhammad@muhammad-HP-EliteBook-8460p:~$```
	```muhammad@muhammad-HP-EliteBook-8460p:~$ ./a.out```
	```value of xn is lab_2muhammad@muhammad-HP-EliteBook-8460p:~$```

c) Printing Sum of two numbers; 6 & 3.

Source	Result

muhammad@muhammad-HP-EliteBook-8460p: ~
 	
```#include<stdio.h>```
```void main()```
```{```
```int x=6;```
 	
```int y=4;```
 	
```printf("sum of x and y is %d",x+y);```
```}```
	muhammad@muhammad-HP-EliteBook-8460p: ~
	
	```muhammad@muhammad-HP-EliteBook-8460p:~$ vi M_Farooq_Gujjar.c```
	```muhammad@muhammad-HP-EliteBook-8460p:~$ gcc M_Farooq_Gujjar.c```
	```muhammad@muhammad-HP-EliteBook-8460p:~$ ./a.out```
	```sum of x and y is 10muhammad@muhammad-HP-EliteBook-8460p:~$```

d) Division of two numbers; 20, 5.

Source	Result
| ```c
#include<stdio.h>
void main()
{
int x=6;
int y=2;
printf("divsion of x and y is %d",x/y);
}
``` | muhammad@muhammad-HP-EliteBook-8460p:~$ vi M_Farooq_Gujjar.c<br>muhammad@muhammad-HP-EliteBook-8460p:~$ gcc M_Farooq_Gujjar.c<br>muhammad@muhammad-HP-EliteBook-8460p:~$ ./a.out<br>divsion of x and y is 3muhammad@muhammad-HP-EliteBook-8460p:~$ |

e) Table of 2.

Source	Res
| ```c
int n=3;
int i;
for(i=2; i<=12; i++)
{

printf("%d * %d =%d\n" ,n,i,n*i);
}
}
``` | muhammad@muhammad-HP-EliteBook-8460p:~$ vi M_Farooq_Gujjar.c<br>muhammad@muhammad-HP-EliteBook-8460p:~$ gcc M_Farooq_Gujjar.c<br>muhammad@muhammad-HP-EliteBook-8460p:~$ ./a.out<br>3 * 2 =6<br>3 * 3 =9<br>3 * 4 =12<br>3 * 5 =15<br>3 * 6 =18<br>3 * 7 =21<br>3 * 8 =24<br>3 * 9 =27<br>3 * 10 =30<br>3 * 11 =33<br>3 * 12 =36<br>muhammad@muhammad-HP-EliteBook-8460p:~$ |
| | ult |