PF Lab 9

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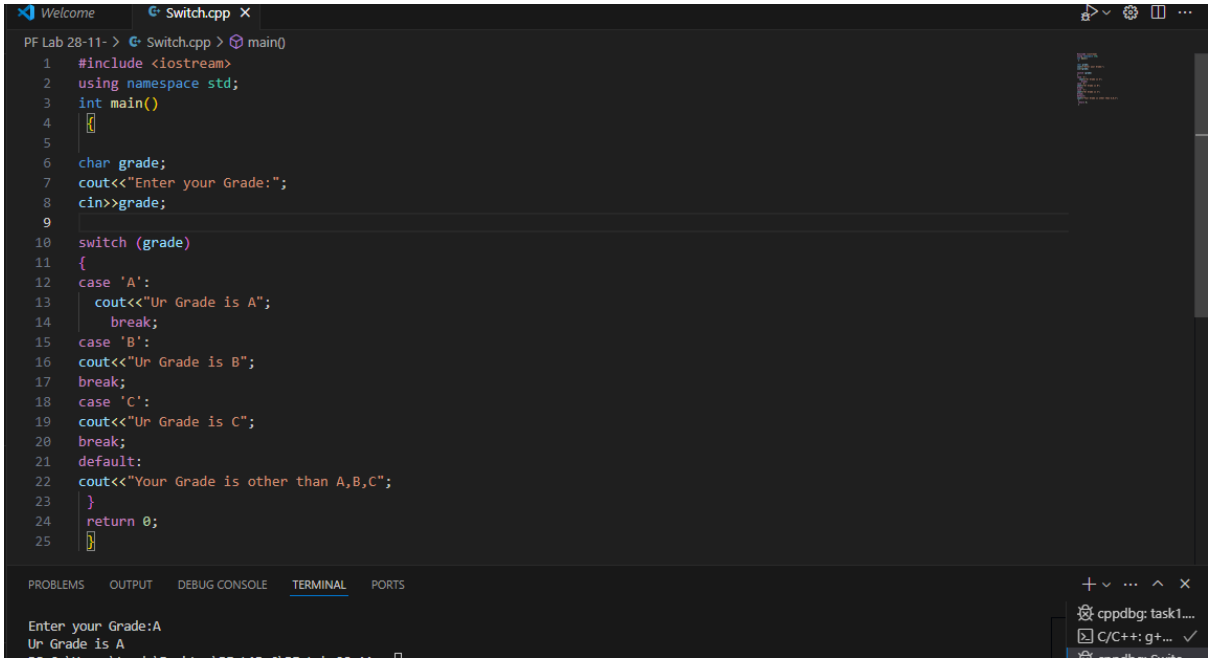
Roll No: **2430-0071**

Class Section: **BSSE_Fall_2024**

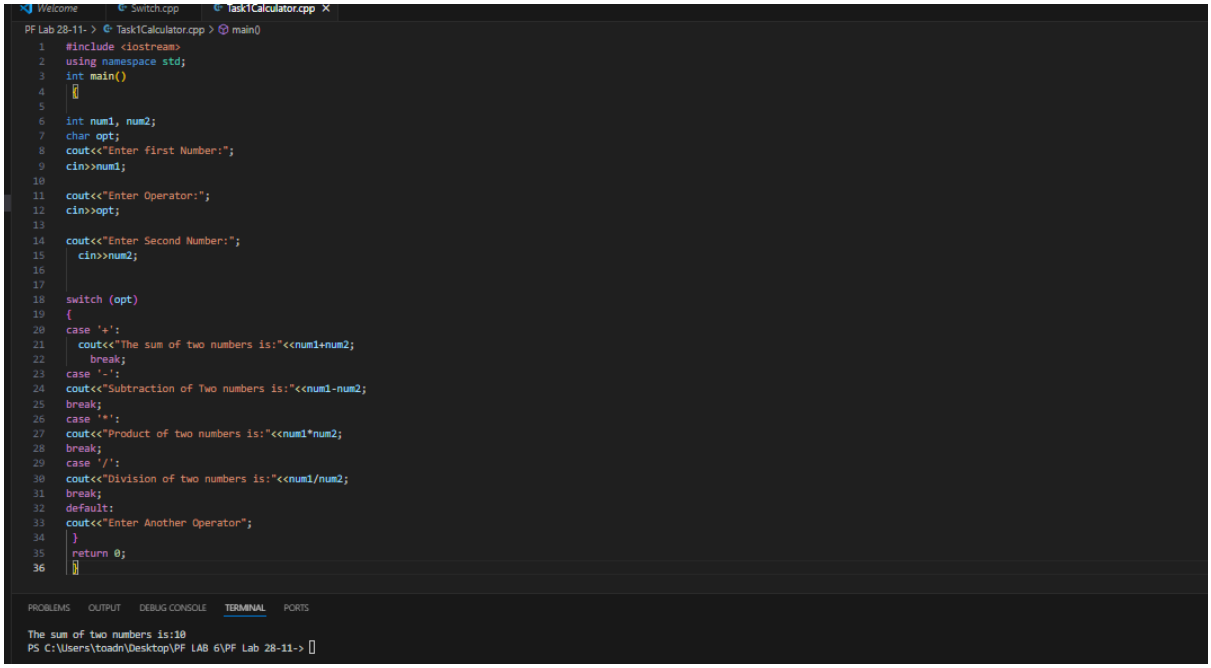
“Education is the Key to Unlock the Golden Door of freedom”

Submitted to: **Natasha Saeed**

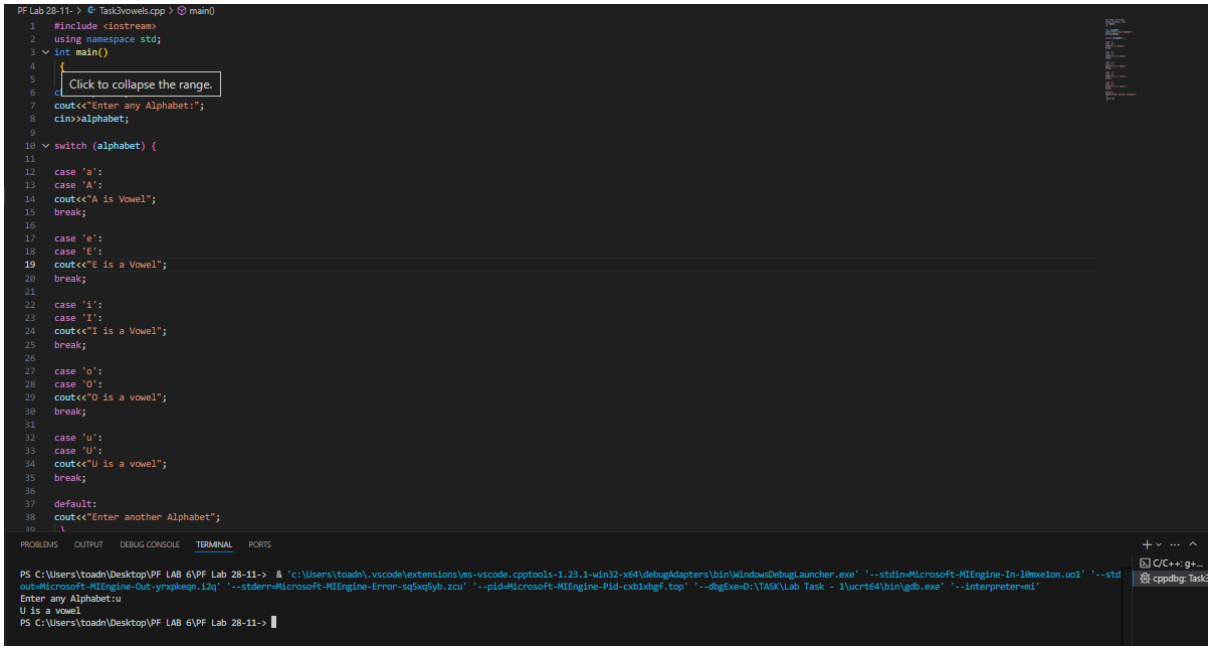
Task 1:



Task 2:



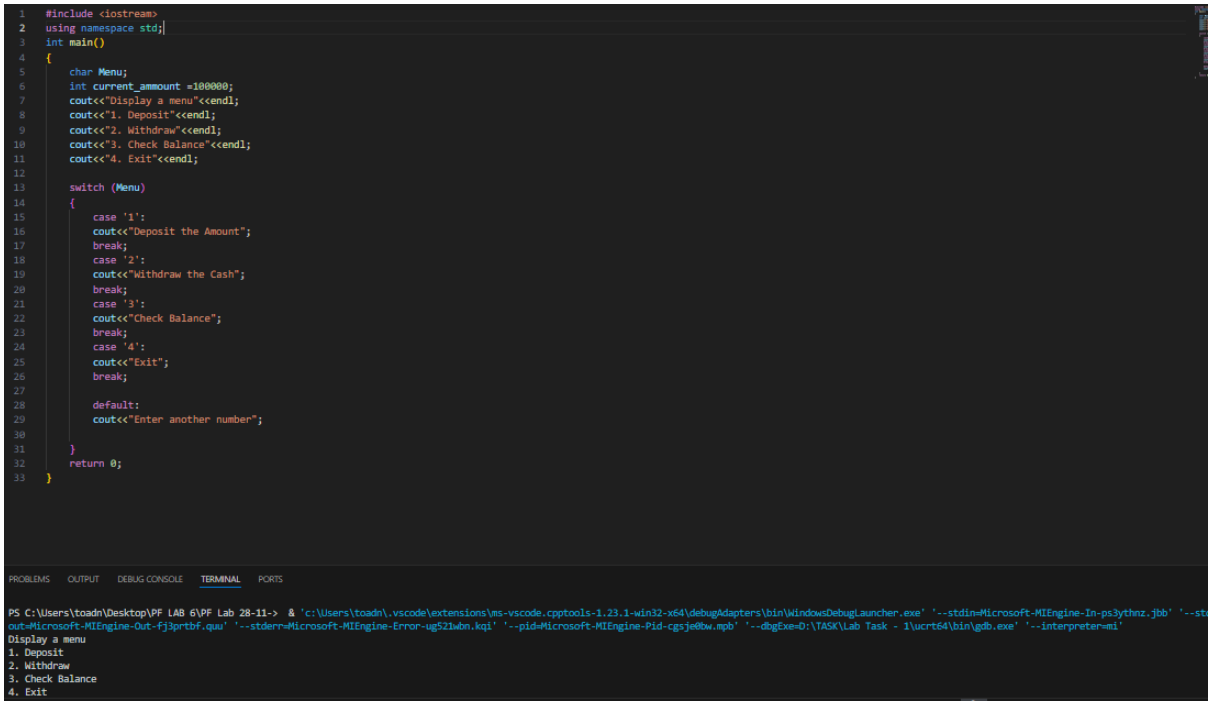
Task 3:


PF Lab 28-11- > Task3vowels.cpp > main()
#include <iostream>
using namespace std;
int main()
{
Click to collapse the range.
cout<<"Enter any Alphabet:";
cin>>alphabet;
switch (alphabet) {
case 'a':
case 'A':
cout<<"A is Vowel";
break;
case 'e':
case 'E':
cout<<"E is a Vowel";
break;
case 'i':
case 'I':
cout<<"I is a Vowel";
break;
case 'o':
case 'O':
cout<<"O is a vowel";
break;
case 'u':
case 'U':
cout<<"U is a vowel";
break;
default:
cout<<"Enter another Alphabet";
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11-> & 'c:\Users\toadn\.vscode\extensions\ms-vscode.cpptools-1.23.1-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-10mxe1on.uo1' '--stdout=Microsoft-MIEngine-Out-yrxpkeqn.12q' '--stderr=Microsoft-MIEngine-Error-sq5xq5yb.zcu' '--pid=Microsoft-MIEngine-Pid-cxb1xbgf.top' '--dbgExe=D:\TASK\Lab Task - 1\ucrt64\bin\gdb.exe' '--interpreter=mi'
Enter any Alphabet:u
U is a vowel
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->
C/C++: g+...
cppdbg: Task3

Task 4:


PF Lab 28-11- > task4.cpp > main()
#include <iostream>
using namespace std;
int main()
{
char Grade;
cout<<"Enter Grade is:";
cin>>Grade;
switch (Grade)
{
case 'A':
cout<<"Excellent";
break;
case 'B':
cout<<"Good";
break;
case 'C':
cout<<"Average";
break;
case 'D':
cout<<"Poor";
break;
case 'F':
cout<<"Unsatisfied";
break;
default:
cout<<"Invalid. Enter A,B,C,D,or,F";
}
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Enter GradeA
Excellent
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11-> ^C
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11-> & 'c:\Users\toadn\.vscode\extensions\ms-vscode.cpptools-1.23.1-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-soj4m1e2.hvc' '--stdout=Microsoft-MIEngine-Out-1202mct1.23r' '--stderr=Microsoft-MIEngine-Error-am3kap5m.zyj' '--pid=Microsoft-MIEngine-Pid-k1ujvhg5.fdz' '--dbgExe=D:\TASK\Lab Task - 1\ucrt64\bin\gdb.exe' '--interpreter=mi'
Enter Grade is:F
Unsatisfied
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->
C/C++: g+...
cppdbg: Task4

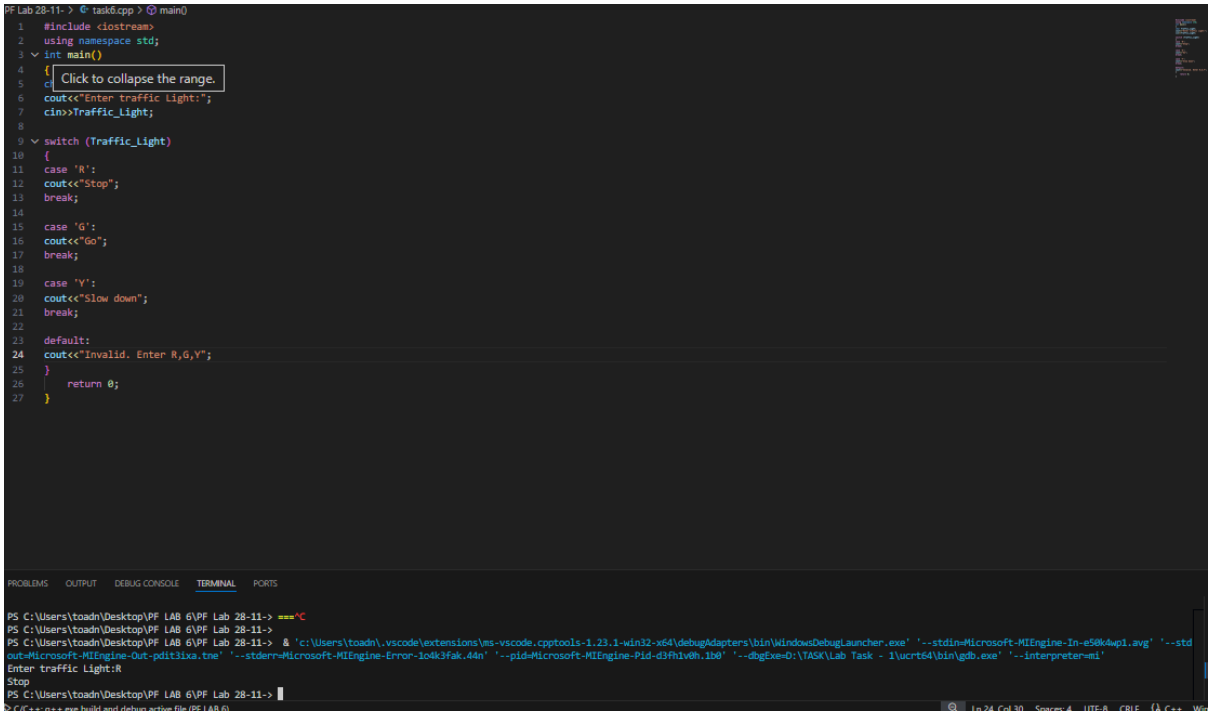
Task 5:



```cpp
#include <iostream>
using namespace std;
int main()
{
    char Menu;
    int current_ammount =100000;
    cout<<"Display a menu"<<endl;
    cout<<"1. Deposit"<<endl;
    cout<<"2. Withdraw"<<endl;
    cout<<"3. Check Balance"<<endl;
    cout<<"4. Exit"<<endl;

    switch (Menu)
    {
        case '1':
        cout<<"Deposit the Amount";
        break;
        case '2':
        cout<<"Withdraw the Cash";
        break;
        case '3':
        cout<<"Check Balance";
        break;
        case '4':
        cout<<"Exit";
        break;

        default:
        cout<<"Enter another number";

    }
    return 0;
}
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->  & 'c:\Users\toadn\.vscode\extensions\ms-vscode.cpptools-1.23.1-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-ps3ythnz.jbb' '--st
out=Microsoft-MIEngine-Out-fj3prtbf.quu' '--stderr=Microsoft-MIEngine-Error-ug521wbn.kqi' '--pid=Microsoft-MIEngine-Pid-cgsje0bw.mpb' '--dbgExe=D:\TASK\Lab Task - 1\ucrt64\bin\gdb.exe' '--interpreter=mi'
Display a menu
1. Deposit
2. Withdraw
3. Check Balance
4. Exit
```

Task 6:

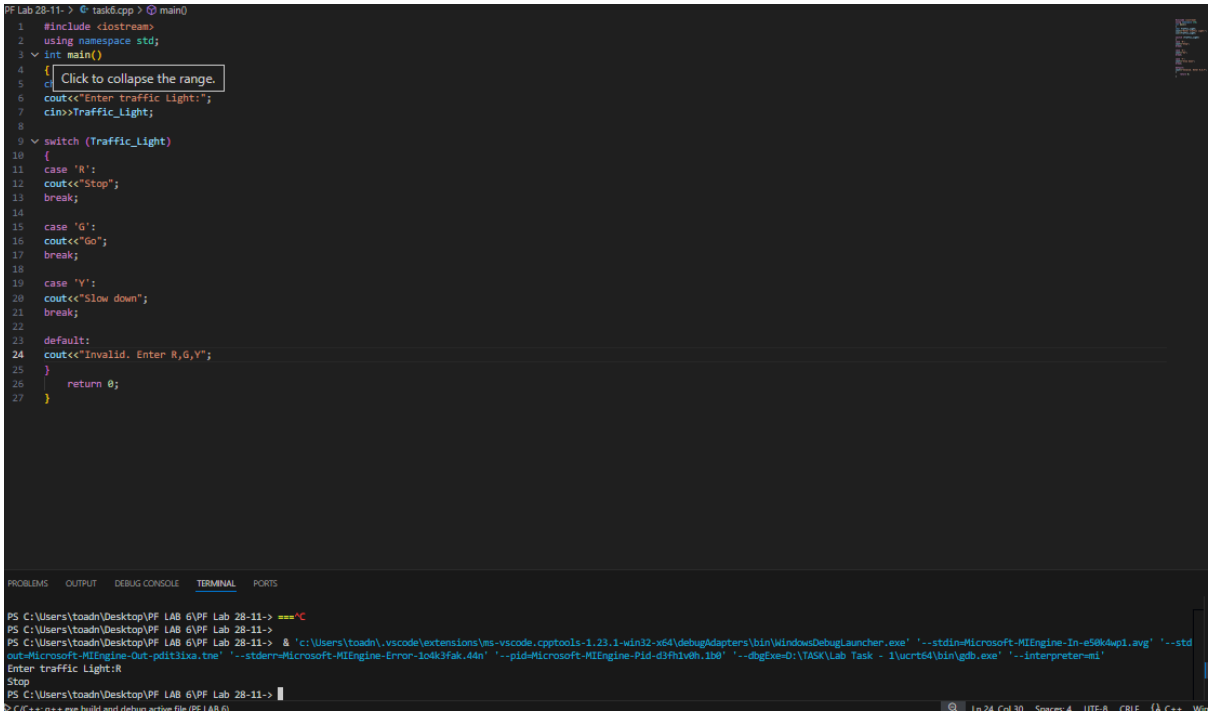


```cpp
#include <iostream>
using namespace std;
int main()
{
    c
cout<<"Enter traffic Light:";
cin>>Traffic_Light;

switch (Traffic_Light)
{
case 'R':
cout<<"Stop";
break;

case 'G':
cout<<"Go";
break;

case 'Y':
cout<<"Slow down";
break;

default:
cout<<"Invalid. Enter R,G,Y";
}
    return 0;
}
```

Click to collapse the range.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11-> ^C
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11-> & 'c:\Users\toadn\.vscode\extensions\ms-vscode.cpptools-1.23.1-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-e50k4wp1.avg' '--std
out=Microsoft-MIEngine-Out-pdit3ixa.tne' '--stderr=Microsoft-MIEngine-Error-1o4k3fak.44n' '--pid=Microsoft-MIEngine-Pid-d3fh1v0h.1b0' '--dbgExe=D:\TASK\Lab Task - 1\ucrt64\bin\gdb.exe' '--interpreter=mi'
Enter traffic Light:R
Stop
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->
```

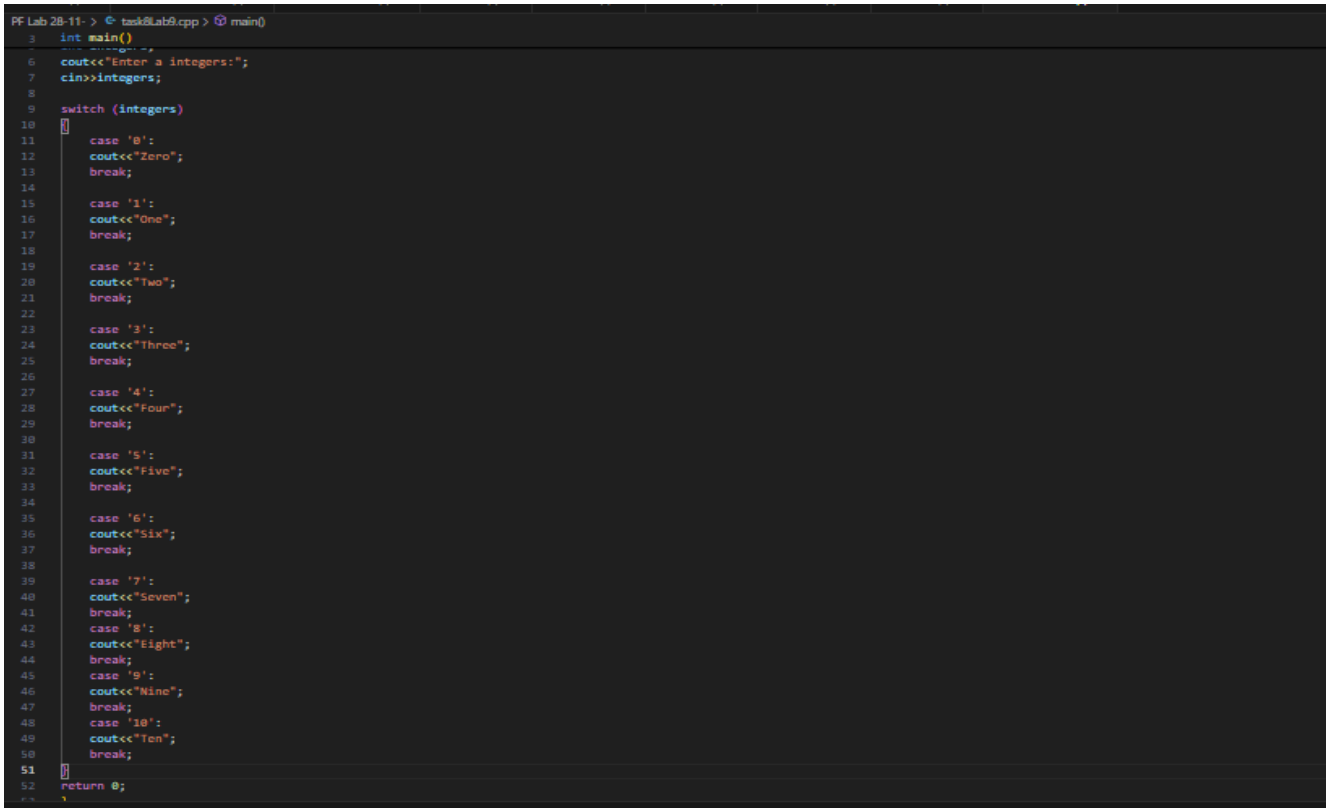
Task 7:


PF Lab 28-11- > task6.cpp > main()
#include <iostream>
using namespace std;
int main()
{
Click to collapse the range.
cout<<"Enter traffic Light:";
cin>>Traffic_Light;
switch (Traffic_Light)
{
case 'R':
cout<<"Stop";
break;
case 'G':
cout<<"Go";
break;
case 'Y':
cout<<"Slow down";
break;
default:
cout<<"Invalid. Enter R,G,Y";
}
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11-> ^C
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11-> & 'c:\Users\toadn\.vscode\extensions\ms-vscode.cpptools-1.23.1-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-e50k4wp1.avg' '--stdout=Microsoft-MIEngine-Out-pdit3ixa.tne' '--stderr=Microsoft-MIEngine-Error-1o4k3fak.44n' '--pid=Microsoft-MIEngine-Pid-d3fh1v0h.1b0' '--dbgExe=D:\TASK\Lab Task - 1\ucrt64\bin\gdb.exe' '--interpreter=mi'
Enter traffic Light:R
Stop
PS C:\Users\toadn\Desktop\PF LAB 6\PF Lab 28-11->
Ln 24 Col 30
Spaces: 4
UTF-8
CRLF
C++

Task 8:


PF Lab 28-11- > task8.cpp > main()
int main()
{
int integers;
cout<<"Enter a integers:";
cin>>integers;
switch (integers)
{
case '0':
cout<<"Zero";
break;
case '1':
cout<<"One";
break;
case '2':
cout<<"Two";
break;
case '3':
cout<<"Three";
break;
case '4':
cout<<"Four";
break;
case '5':
cout<<"Five";
break;
case '6':
cout<<"Six";
break;
case '7':
cout<<"Seven";
break;
case '8':
cout<<"Eight";
break;
case '9':
cout<<"Nine";
break;
case '10':
cout<<"Ten";
break;
}
return 0;

Task 9:



```
PF Lab 28-11- > task8Lab9.cpp > main()
int main()
{
cout<<"Enter a integers:";
cin>>integers;

switch (integers)
{
    case '0':
    cout<<"Zero";
    break;

    case '1':
    cout<<"One";
    break;

    case '2':
    cout<<"Two";
    break;

    case '3':
    cout<<"Three";
    break;

    case '4':
    cout<<"Four";
    break;

    case '5':
    cout<<"Five";
    break;

    case '6':
    cout<<"Six";
    break;

    case '7':
    cout<<"Seven";
    break;
    case '8':
    cout<<"Eight";
    break;
    case '9':
    cout<<"Nine";
    break;
    case '10':
    cout<<"Ten";
    break;
}
return 0;
}
```