



Visual Studio Code interface showing a C++ program in `lab08_task2.cpp` and its execution output in the terminal.

**EXPLORER**

- .VSCODE
  - lab08\_task1.cpp
  - lab08\_task1.exe
  - lab08\_task2.cpp
  - lab08\_task2.exe

**OUTLINE**

- TIMELINE lab08\_task2.cpp
  - File Saved now
  - File Saved 1 min
  - File Saved 4 mins
  - File Saved 5 mins
  - File Saved 6 mins

**lab08\_task2.cpp**

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     int num;
5
6     while(true) {
7         cout<<"Enter a number (multiple of 5 or 7): ";
8         cin>>num;
9         if(num % 5 == 0 || num % 7 == 0) {
10             cout<<num << " valid." << endl;
11         } else {
12             cout<<num<< "is not a multiple of 5 or 7." <<endl;
13             break;
14         }
15     }
16
17     return 0;
18 }
```

**TERMINAL**

```
( $? ) { g++ lab08_task2.cpp -o lab08_task2 } ; if ( $? ) { .\lab08_task2 }
Enter a number (multiple of 5 or 7): 5
5 valid.
Enter a number (multiple of 5 or 7): 7
7 valid.
Enter a number (multiple of 5 or 7): 3
3is not a multiple of 5 or 7.
PS C:\Users\ESHOP\Documents\.vscode\.vscode>
```

**PORTS**

- Code
- Code
- Code
- Code
- Code

Ln 15, Col 6 Spaces: 4 UTF-8 CRLF {} C++ Win32

8:40 PM 10/13/2024

FileEditSelectionViewGoRun...<=>.vscode

EXPLORER

VS CODE

lab08\_task1.cpp

lab08\_task1.exe

lab08\_task2.cpp

lab08\_task2.exe

lab08\_task3.cpp

lab08\_task3.exe

OUTLINE

TIMELINE lab08\_task3.cpp

File Savednow

File Saved46 secs

File Saved1 min

File Saved6 mins

File Saved7 mins

File Saved9 mins

lab08\_task3.cpp

```
.vscode > g++ lab08_task3.cpp
1  #include<iostream>
2  using namespace std;
3  int main() {
4  int sum =0;
5  for(int i=100; i<=200; i+=2)
6  {
7      sum=sum+i;
8  }
9  cout<<sum;
10
11
12
13
14
15  return 0;
16 }
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadLine for compatibility purposes. If you want to re-enable it, run 'Import-Module PSReadLine'.

PS C:\Users\ESHOP\Documents\.vscode> cd "c:\Users\ESHOP\Documents\.vscode\.vscode\" ; if (\$?) { g++ lab08\_task3.cpp -o lab08\_task3 } ; if (\$?) { .\lab08\_task3 }
7650
PS C:\Users\ESHOP\Documents\.vscode\.vscode>

Code

Code

Code

Code

Code

Code

Code

Ln 4, Col 10

Spaces: 2

UTF-8

CRLF

{ } C++

Win32

Type here to search

3:31

32°C

8:58 PM

10/13/2024