C++ Operators Assignment Questions
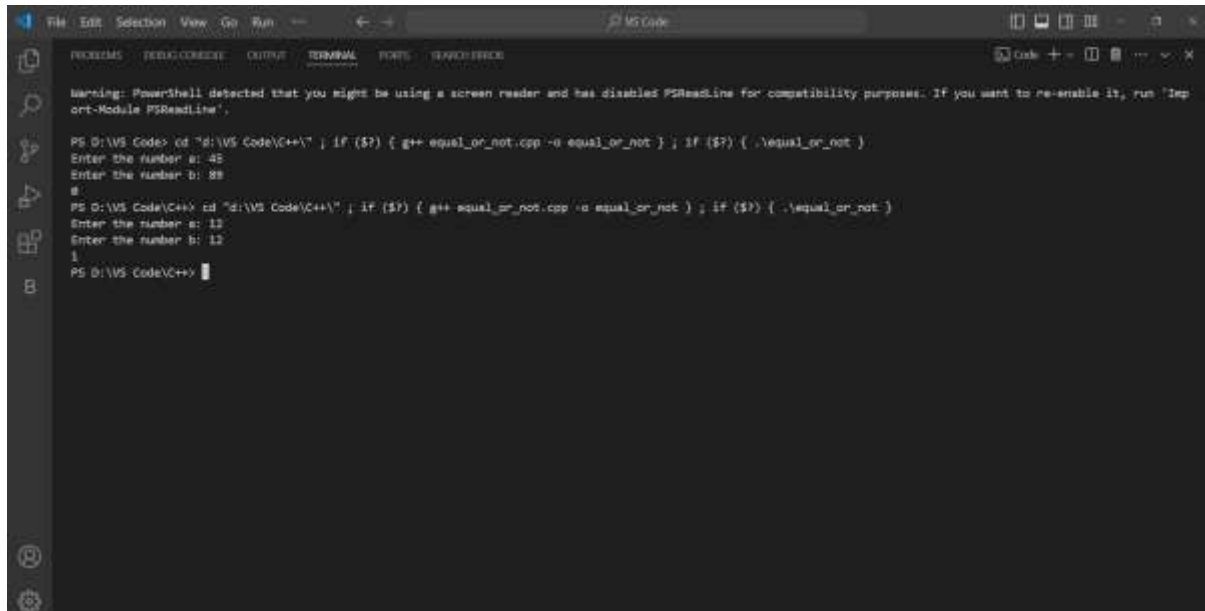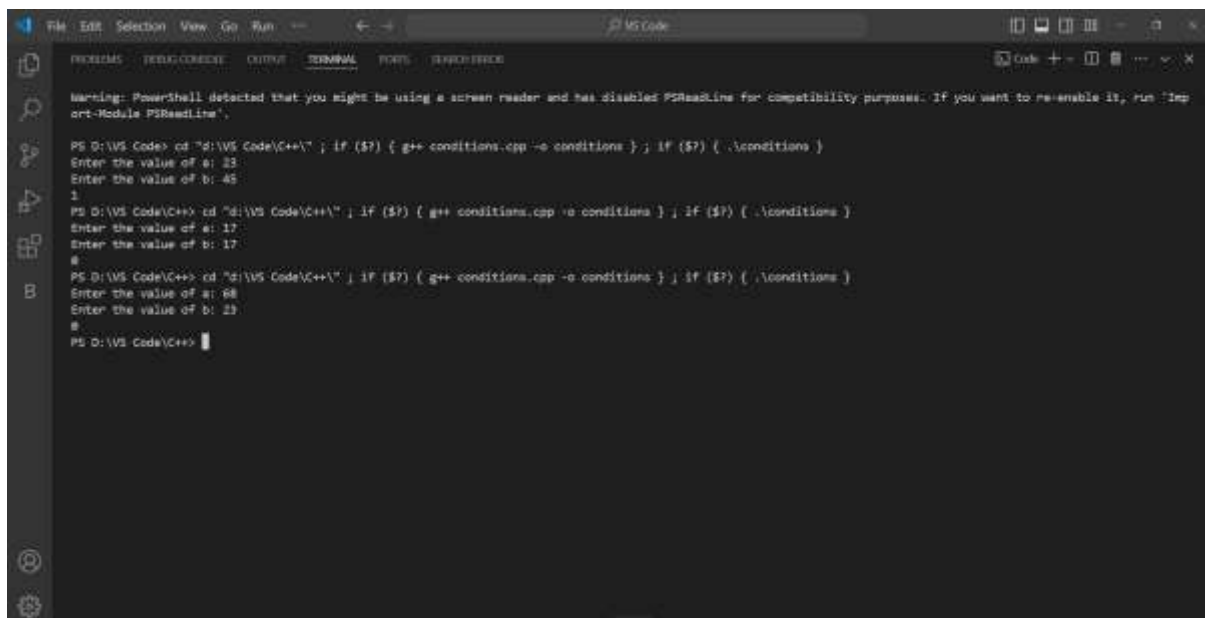
Q1. Q1 - Write a program to check whether two numbers (entered by user) are equal or not.
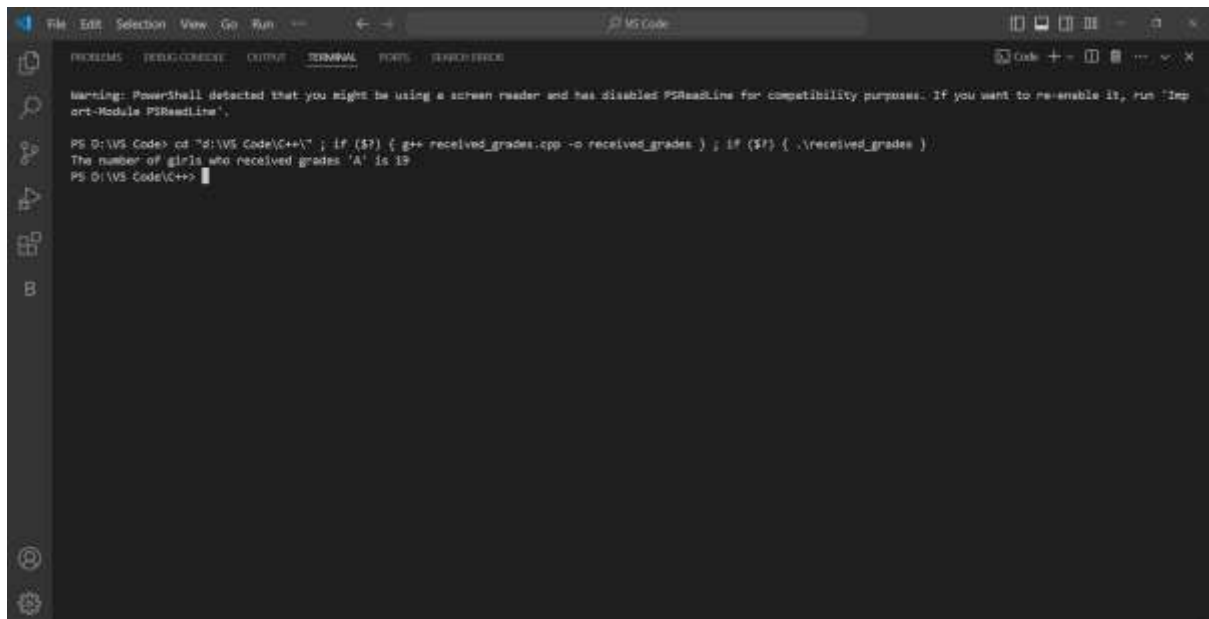

Q2. Q2 - Write a program to take the values of two variables a and b from the keyboard and then check if both the conditions 'a < 50' and 'a < b' are true.
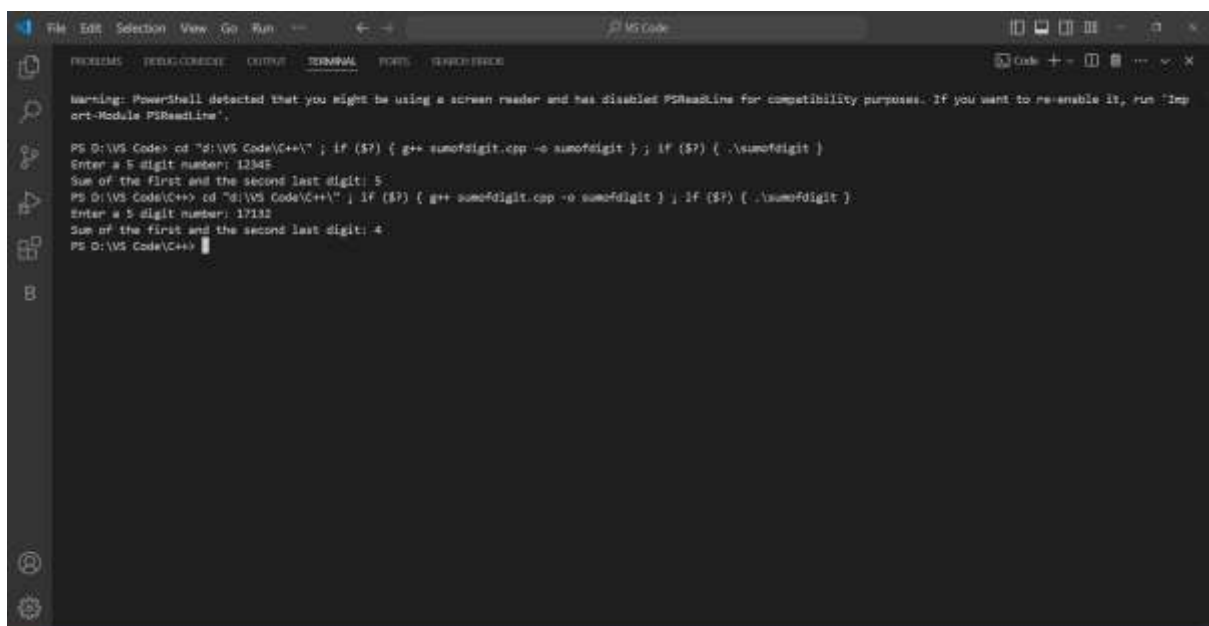

Q3. There are 45 total pupils in the class, 25 of whom are boys. Write a program to find how many girls received grades "A" if 17 boys made up 80% of the students that received grades "A".
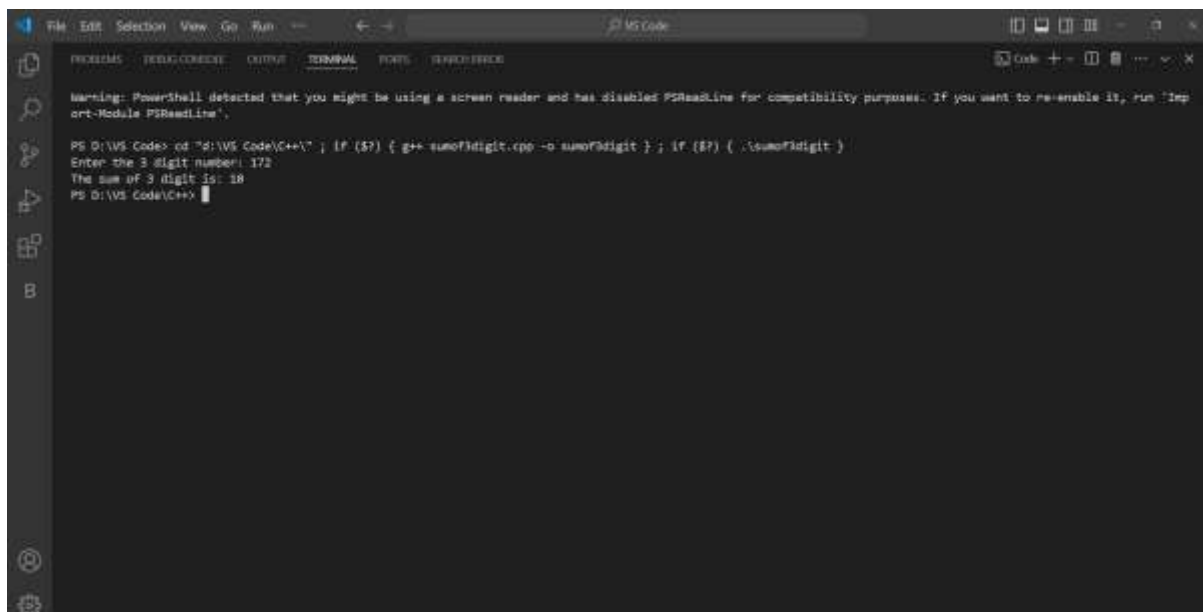
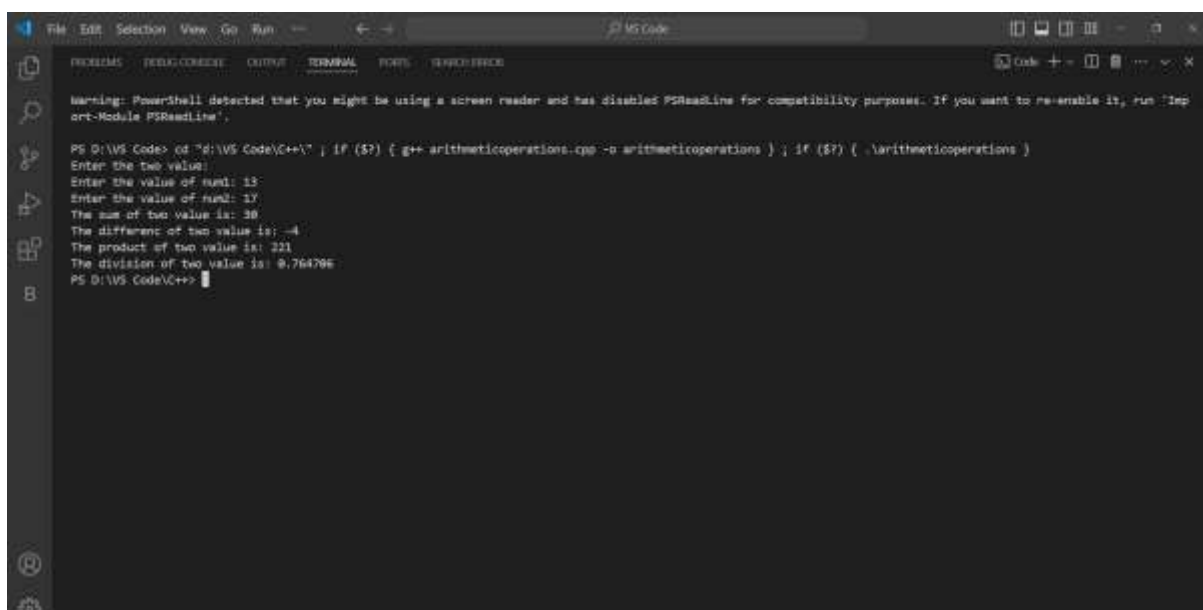**Q4.** Write a program to calculate the sum of the first and the second last digit of a 5-digit number.

Q5. Write a program to calculate the sum of digits of a 3-digit number.

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 D:\VS Code> cd "d:\VS Code\C++\" ; if ($?) { g++ sumof3digit.cpp -o sumof3digit } ; if ($?) { .\sumof3digit }
Enter the 3 digit number: 172
The sum of 3 digit is: 10
PS D:\VS Code\C++>

Q6. Design a calculator to perform basic arithmetic operations (+,-,/,*,%).

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 D:\VS Code> cd "d:\VS Code\C++\" ; if ($?) { g++ arithmeticoperations.cpp -o arithmeticoperations } ; if ($?) { .\arithmeticoperations }
Enter the two value:
Enter the value of num1: 13
Enter the value of num2: 17
The sum of two value is: 30
The difference of two value is: -4
The product of two value is: 221
The division of two value is: 0.764706
PS D:\VS Code\C++>