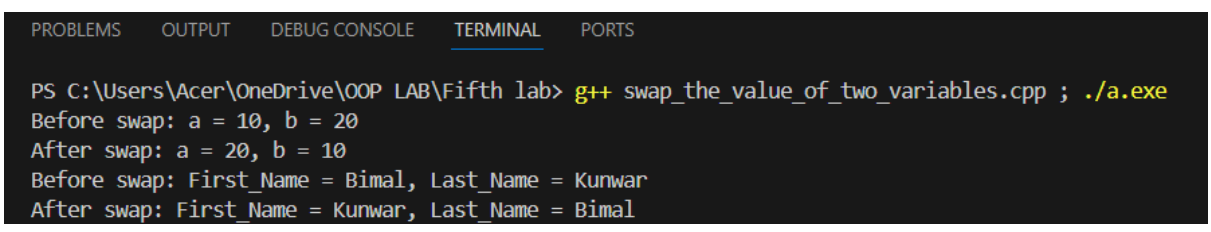
Write a function template called swapValues() that swap the values of two variables of any data type. Demonstrate swapValues() on both integer and string data types.

Output:



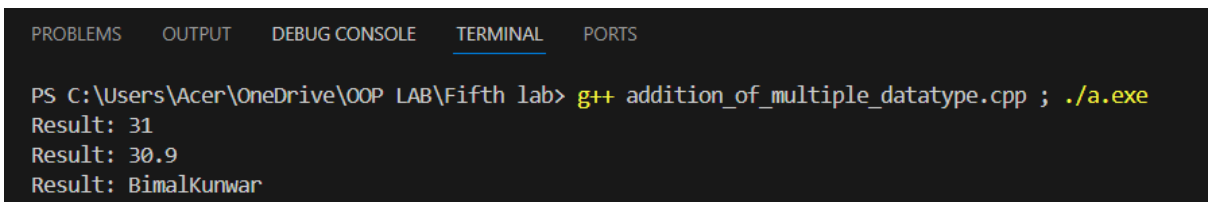
Write an overloaded template function maximum() that finds the maximum of two values. Implement versions for both integer and character types.

Output:

```
PS C:\Users\Acer\OneDrive\OOP LAB\Fifth lab> g++ maximum_of_two_integer_character.cpp ; ./a.exe
Maximum of 30 and 40 is = 40
Maximum of 'v' and 'k' is ' = v'
```

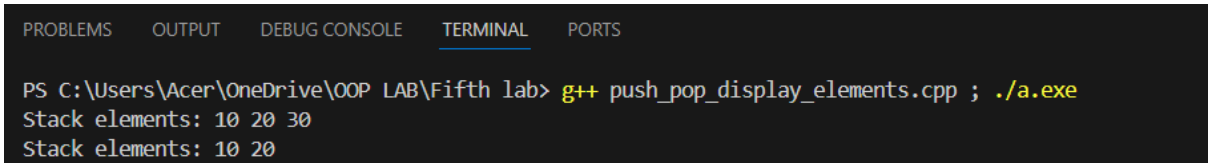
Write a C++ program to demonstrate the addition of multiple data types using function template.

Output:



Define a class template Stack that can hold element of any data type. Implement function to push ,pop and display elements from the stack using function template.

Output:


PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
PS C:\Users\Acer\OneDrive\OOP LAB\Fifth lab> g++ push_pop_display_elements.cpp ; ./a.exe
Stack elements: 10 20 30
Stack elements: 10 20