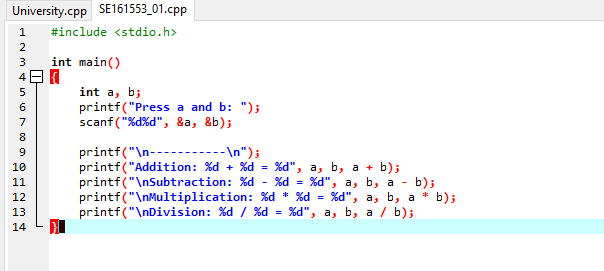
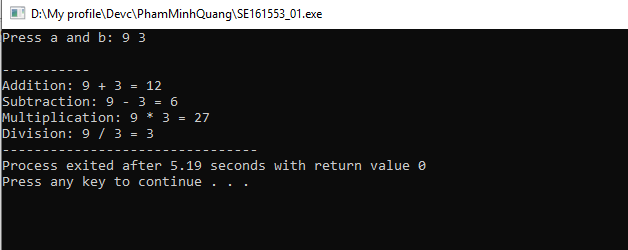
2.

Input:

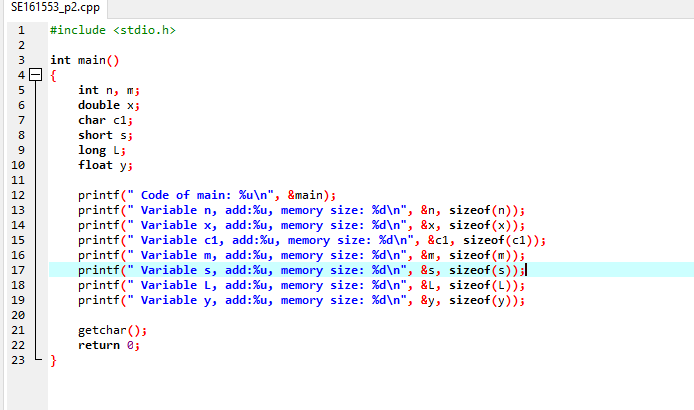


Output:



1.

Input:



Output:

