1 – write a program that gets the integer n from the user and print the sum of:

1+2+...+n

2 – write a program that gets the integer n from the user and print the sum of:

12 +22 +...+n2

3 – write a program that gets the integers a and b from the user and swaps the values of a and b. (e.g. a=2, b=3 -> a=3, b=2)