

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)
Faculty of Science and Technology (FST)
Department of Computer Science (CS)
Introduction to Programming [Lab Task on Loop]

Every program should be terminated by user choice

1. Write a Program to reverse a given integer.

Hint: Enter an Integer Number: 540138
Reverse of the Number is: 831045
Do you want to try again (Y/N): Y
Enter an Integer Number: 12345
Reverse of the Number is: 54321
Do you want to try again (Y/N): N

2. Write a Program that checks whether a given number is prime or not prime.

Hint: Enter a Number to check for Prime Number: 37
37 is a Prime Number.
Do you want to try again (Y/N): Y
Enter a Number to check for Prime Number: 16
16 is not a prime Number.
Do you want to try again (Y/N): N

3. Write a Program that checks whether a given number is perfect number or not.

Hint: Enter a Number to check for Perfect Number: 28
28 is a Perfect Number.
Do you want to try again (Y/N): Y
Enter a Number to check for Perfect Number: 30
30 is not a Perfect Number.
Do you want to try again (Y/N): N

4. Write a Program to print Right Triangle Pattern.

Hint: Enter the Number of rows: 5

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