**Practice 6: Loop(part 2)**

* Objective: Practice using For loop, while loop and do while loop
* Deadline: 11 September 2021, 11:59pm
* File submit:
  + *A pdf report (consists of cover, table of content, exercise and solution with screenshot). File name:* yourname\_report\_practice6
  + *A zip file contains course codes (Each file name is:* Practice6\_problem##)

Write c program to solve the problem below:

1. Print all characters a-z using while loop.
2. Print all characters A-Z using do while loop.
3. Print all even numbers from 1-50 using do while loop.
4. Print all odd numbers from 1-50 using while loop
5. Print and summate all numbers from 1-50 but not number that can be divided by 3 and 7.
6. Ask user to input numbers and do summation all those numbers until user input number zero 0. Break the loop and display the result.

Input Enter number: 5

Enter number: -2

Enter number: 10

Enter number: 0

Output Summation: 13

1. Calculate sum of all digits of a number.

Input 1234

Output Summation of each digit: 10

Remark: 1234 => 1+2+3+4 = 10

1. Ask user to input a number. Then print it reverse.

Input Enter a number: 1273

Output Its reverse: 3721

1. Test a number weather a number is Prime or Not.

Remark a Prime number is a number that greater than 1 can only divided by 1 and themselves. Ex 2,3,5,7,11,etc.