Task_01: Write a code in c to print the numbers from 1 to N where is N is given by the user

Task_02: write a code in c to print a table of a number N for M times where M and N are the user inputs

Task_03: write a code to print the nature of each number from 1 to 100 using loop. The nature of a number would be odd even or prime number

Task_04: write an infinite loop that takes input from the user and add them into a sum(variable). until the user input a negative number. On that number, just quit the loop and print the sum of all previous(positive) numbers.

Task_05: You need to write a program in C language in which you have the liberty to purchase multiple products of your own choice. But the available items to purchase are ShirtFormal, ShirtCasual, Jeans and Shoes. You are not allowed to hardcode any of the following that includes Quantity, Price and Discount percentage. On the basis of items/products you purchased finally print the total price before discount, Discounted Amount and After discount total price or Amount Payable. Keep in mind that user budget is of PKR 5000, if that exceeds display an error message

Task_06: Ali, Kiran, Alex and sara are planning to watch movie in Nuplex. Ticket price is PKR=1250. All four have different amount to contribute i-e; Ali has 1400, Kiran have 1345, Alex has 1700 and sara have 900. Now you need to calculate the remaining amount they left after buying the tickets for food. Print how many items they can buy from the remaining budget

Chips = 50
ColdDrink = 60
Pop-corn = 100
IceCream = 90
Burger = 300

Task_07: Write a Program that asks the user, how many times 'T' he/she wants to input a number. Now take T integers from the user and count if the number is below Zero, IsEqual to Zero and greater than Zero.

Task_08: Write a program that checks a number is prime or not. If a number is prime then print that number in reverse order upto to -3.
       Expected input: 3
       Expected Output: 7 is a prime number
               7,6,5,4,3,2,1,0,-1,-2,-3

Task_09: Asks the user to enter a character.
       If a user enters an alphabet, then saves in a character variable (a-z) or (A-Z).
       If user enters a number, then saves it to an integer type variable.
       If user doesn't enter other than that, then ask again until he/she doesn't enter a character or number

Task_10: Write a program that takes an integer of 8-decimal places. Also make sure that the number must be in combination of 1 and 0. Now you need to convert that binary number into a decimal number
       Expected Input: 10110101

$$(1*2\char`^7) + (1*2\char`^6) + (1*2\char`^5) + (1*2\char`^4) + (1*2\char`^3) + (1*2\char`^2) + (1*2\char`^1) + (1*2\char`^0)$$

Expected Output: 181

Task_11: Write a program to generate a series for N=3 to 10 elements. Where F(0)=2 and F(1)=3.

Series: 2, 3, _ , _ , _ , _ , _ , _ , _ , _

$$F_n = F_{n-1} + F_{n-2}$$

Task_12: You need to program a small game for 2 players. Each of player is given 3 chances to input a number of your own choice from 0 – 100 one by one.

 If the number you entered is an ASCII code of (a-z) that ascii number will be count as score.
 If the number you entered is an ASCII code of (A-Z) that ascii number will be twice and added to your score.
 If you repeat the same number again, your score will become half
 In case, you enter the number that not lies in (a-z) or (A-Z), you get a chance to re-enter it again.

In the end, compare the scores of both players and prints the message, Player1 or Player2 Wins.
 Also, asks the user do you wish to continue or not, press y to continue and n to quit the game.

Task_13: Design a program to Login to ATM.

 Your PIN code is of four-character Alpha-Numeric with at least 1 special case character. On menu screen as you press 1: Login Press 2: Reset Password and Press 3: Close Application.
 When you press 1, it asks your PIN code. You have only 3 attempts to login otherwise it blocks you.
 On Press 2, system generates a random number and prints on screen, you need to enter that number again to reset your password.
 On Press 3, program will quit.

Task_14: Mr. Shahzad assigned you a task in which he instructs you to teach multiplication table to your brother/sister. For this purpose, you write a program which generates two random numbers within range (1-10) for (example x and y) and display x*y in such way that the smallest number appears first. Your written code should ask your brother/sister to input his/her answer. Then your code should compare the entered answer and returns a message with wrong (along with correct answer) or correct on the screen.
As your brother/sister enter -1 then your code will terminate by displaying the total number of correct and wrong answers. Your output may be as follows:

Task_15: You are supposed to make a Quiz program of at least 5 questions. Following are rules for the game:
 For correct answer, prize money is 10,000 rupees
 For wrong answer, deduction is of 5,000 rupees
 If question one is wrong, player will be out of the game
 After starting the game, if amount becomes 0, player will be out of the game
 There will be only 4 options for each question