

Warm-up: 1

Write a program that prints the numbers
from 1 to 10.

Warm-up: 2

Write a program that prints the numbers from 10 to 1.

Warm-up: 3

Write a program that takes an integer from the user and prints all the even numbers from 0 to that integer.

Warm-up: 4

Write a program that takes an integer from the user and prints all the odd numbers from 0 to that integer and sum of them all.

Warm-up: 5

Write a program that takes start and end of numbers from the user and finds the sum of all numbers between start and end.

Warm-up: 6

Write a program that takes a list of numbers from the user and finds the largest number in the list.

Warm-up: 7

Write a program that takes a string from the user and prints the number of vowels in the string.

Warm-up: 8

Write a program that takes a list of numbers as input and prints all the numbers that are greater than the average of the list.

Warm-up: 9

Write a program that takes a list of numbers as input and prints all the possible combinations of adding two numbers from the list.

Warm-up: 10

Write a program that takes a sentence from the user and prints the longest word in the sentence.

Exercise 1: Guessing Game

- ✓ Write a program to play a guessing game between you and your computer.
- ✓ Computer will randomly choose a number between (1 to 6)
- ✓ You will guess the number. If your guess equals the computer number, you will win and earn 10 points. Else, you will lose, and the computer earns 10 points.
- ✓ Allow the program to run as many times as you want.
- ✓ At the end of the game, the scoreboard should display the number of times the game was played, the computer, and your total points.

Exercise 2: Accumulating Number

- ✓ Write a program to add all the numbers between two numbers.
- ✓ Ask the user to input two numbers. Note that the second number should be greater than the first number.
- ✓ Add all the numbers between the first number and the second number inclusive.
- ✓ Display the result as a subtotal after each loop.
- ✓ Allow the program to run as many times as the user wants.
- ✓ Finally, display the total of all subtotals as grand total.

Exercise 3: Calculating Total Salary

- ✓ Write a program to compute the sales commission and total salary (basic salary + commission).
- ✓ Prompt user to input sales amount, basic salary, and name
- ✓ Calculate a 10% commission on sales
- ✓ Allow adding as many users as needed.
- ✓ Display the name and total salary for each user in the following format
 - ✓ Total salary of John: \$0000.00