**PYTHON LOOP EXERCISE**

**Exercise 1:**

**Write a program using a for loop to print the numbers from 1 to 10.**

**Exercise 2:**

**Create a program that uses a for loop to print the multiplication table of a user-inputted number.**

**Exercise 3:**

**Write a program using a while loop to find the sum of natural numbers up to a given number entered by the user.**

**Exercise 4:**

**Create a program that uses a for loop to iterate through a list of names and prints each name.**

**Exercise 5:**

**Write a program using a while loop to find the factorial of a user-inputted number.**

**Exercise 6:**

**Create a program using a for loop to print the Fibonacci series up to a specified number of terms entered by the user.**

**Exercise 7:**

**Write a program using a while loop to reverse a number entered by the user.**

**Exercise 8:**

**Create a program that uses a for loop to iterate through a string and count the number of vowels.**

**Exercise 9:**

**Write a program using a while loop to check if a user-inputted number is a palindrome.**

**Exercise 10:**

**Create a program using a for loop to calculate and print the sum of the squares of the numbers from 1 to 5.**