# Exercise on Python Basics

## 1. User Input

Write a program to take two floating-point numbers as input and display their sum.

Hint: Use the input() function and float() to convert the input.

Write a program to check if a string entered by the user is a palindrome or not.

Hint: Compare the string with its reverse using slicing.

## 2. Boolean Values

Write a program to check if a number entered by the user is even.

Hint: Use the modulo operator (%).

Write a program to check if a number is positive or negative.

Hint: Use the '>' and '<' operators.

## 3. Lists

Write a program to create a list of fruits and print the second fruit.

Hint: Use indexing.

Write a program to check if 'apple' is present in the list ['apple', 'banana', 'cherry'].

Hint: Use the 'in' keyword.

Write a program to print the last three items of the list ['apple', 'banana', 'cherry', 'date', 'fig'].

Hint: Use negative indexing or slicing.

## 4. Range

Write a program to print all numbers from 1 to 10.

Hint: Use the range() function in a for loop.