**Answers for Assignment 5**

**Task 1**

# Create a dictionary of student names and their marks

student\_marks = {

'Alice': 85,

'Bob': 78,

'Charlie': 92,

'David': 70,

'Eva': 88

}

# Ask the user to input a student's name

student\_name = input("Enter the student's name: ")

# Retrieve and display the corresponding marks

if student\_name in student\_marks:

print(f"{student\_name}'s marks: {student\_marks[student\_name]}")

else:

print("Student not found.")

'''

Enter the student's name: Alice

Alice's marks: 85

nter the student's name: Anes

Student not found.

'''

**Task 2**

# Create a list of numbers from 1 to 10

numbers = list(range(1, 11))

# Extract the first five elements from the list

extracted\_numbers = numbers[:5]

# Reverse the extracted elements

reversed\_numbers = extracted\_numbers[::-1]

# Print both the extracted list and the reversed list

print("Extracted numbers:", extracted\_numbers)

print("Reversed extracted numbers:", reversed\_numbers)

'''

o/p

Extracted numbers: [1, 2, 3, 4, 5]

Reversed extracted numbers: [5, 4, 3, 2, 1]

'''