**Demonstrate the use of slicing operation on a list.**

**Code**

# Define a list of fruits

fruits = ["apple", "banana", "cherry", "date", "fig", "grape", "kiwi"]

# Print the original list

print("Original list of fruits:")

print(fruits)

# Slicing examples

# Get the first three fruits

first\_fruits = fruits[:3]

print("\nFirst three fruits:", first\_fruits )

# Get the last three fruits

last\_fruits = fruits[-3:]

print("Last three fruits:", last\_fruits )

# Get fruits from index 2 to 5

middle\_fruits = fruits[2:6]

print("Middle Fruits from index 2 to 5:", middle\_fruits)

# Get every second fruit

every\_second\_fruit = fruits[::2]

print("Every second fruit:", every\_second\_fruit)

# Reverse the list of fruits

reversed\_fruits = fruits[::-1]

print("Reversed list of fruits:", reversed\_fruits)

**OUTPUT:-**

