

## Exercise 2

Q.1 Write a Python program to :

Create a list of 5 favorite movies.

Print the entire list.

Print the first and last movie from the list.

Q2. Create a Tuple

Write a Python program to:

Create a tuple that stores 4 city names.

Print the tuple.

Access and print the second city in the tuple.

Q3. Create a Set

Write a Python program to:

Create a set of 5 unique fruit names.

Try adding one duplicate fruit and print the set.

Explain what happens when a duplicate is added.

Q4. Create a Dictionary

Write a Python program to:

Create a dictionary with keys: "name", "age", "course".

Assign values of your choice.

Print the dictionary.

Access and print only the "course" value.

Q5. Write a Python program to:

Create a dictionary where the key is a student's name and the value is a list of marks. Example:

```
{  
    "Alice": [85, 90, 88],  
    "Bob": [78, 82, 80]  
}
```

- Print the marks of Alice.
- Add a new student with marks.