

Question 1:

Write a Python program that:

1. Creates a tuple containing the following elements: ("apple", "banana", "cherry", "apple", "orange", "banana").
2. Prints the length of the tuple.
3. Prints how many times "apple" appears in the tuple.
4. Finds and prints the index of the first occurrence of "cherry".

Question 2:

Write a Python program that:

1. Creates a dictionary storing the names of 3 students as **keys** and their test scores as **values**. Example:

```
{"Alice": 85, "Bob": 90, "Charlie": 78}
```
2. Prints all the keys in the dictionary.
3. Prints all the values in the dictionary.
4. Updates Bob's score to 95.
5. Adds a new student "Diana" with a score of 88.
6. Prints the updated dictionary.

Question 3 :

Write a Python program that:

1. Creates a tuple of student names:

```
("Alice", "Bob", "Charlie")
```
2. Creates a dictionary where the **keys** are the student names (from the tuple) and the **values** are their scores:

```
{"Alice": 85, "Bob": 90, "Charlie": 78}
```
3. Prints each student's name with their corresponding score using a loop.
4. Finds and prints the student with the **highest score**.