Practice Questions for Day:2

1. Write a program to create a tuple, access individual elements, and slice the tuple.
2. Write a program to demonstrate tuple unpacking with multiple variables.
3. Write a program to perform basic set operations like union, intersection, and difference.
4. Write a program to check if an element exists in a set.
5. Write a program to create a dictionary, add key-value pairs, and access values using keys.
6. Write a program to iterate over the keys and values of a dictionary.
7. Write a function that takes two positional arguments and returns their sum.
8. Write a function that accepts keyword arguments and prints them.
9. Write a function that takes one required argument and one optional argument with a default value.
10. Write a function that accepts any number of positional arguments and returns their sum.
11. Write a function that accepts any number of keyword arguments and prints them.
12. Write a lambda function to add 10 to a given number and print the result.
13. Write a program that uses the map function to apply a lambda function to double each number in a list.
14. Write a program that uses the filter function to filter out even numbers from a list.
15. Write a program that uses the reduce function to find the product of all elements in a list.