

1. Write a Python program that takes a list of numbers as input and squares each number using the `map ()` function. Display the squared numbers.
2. Create a program that takes a list of strings as input and converts each string to uppercase using the `map ()` function. Display the uppercase strings.
3. Write a Python program that takes a list of numbers as input and filters out the even numbers using the `filter ()` function. Display the filtered list of even numbers.
4. Create a program that takes a list of strings as input and filters out the strings containing the letter 'a' using the `filter ()` function. Display the filtered list of strings.
5. Write a Python program that calculates the square of a number using a lambda expression.
6. Create a program that takes a list of numbers as input and returns a list of only the positive numbers using a lambda expression and the `filter ()` function.