



Day 10: List

Problem 1:

1. Create a list of vegetables.
2. Store 3 vegetables in the list.
3. Print all the vegetables.

Problem 2:

1. Create a list for prices.
2. Store the prices of 3 products in the list.
3. Print the price of the last product.

Problem 3:

1. Create a list of superheroes.
2. Add 4 superheroes to the list.
3. Print the list.

Problem 4:

1. Create a list of movies and their actors.
2. Print all the movie names along with their corresponding actors.

Problem 5:

1. Create a list of movies and their actors.
2. Print all the movie names along with their corresponding actors.

Problem 6:

Write a program to find and display both the smallest and largest elements in an array without sorting the array.

Problem 7:

Write a program to add two arrays element-wise and create a new array with the results.

Problem 8:

Write a program to find the intersection of two arrays (elements that are common in both arrays) and store the result in a new array.

Problem 9:

Write a program to check if an array is a palindrome (reads the same forwards and backwards).

Problem 10:

Write a program to remove duplicate elements from an array without using built-in methods.

Problem 11:

Write a program to filter out even and odd numbers from an array and create two separate arrays for even and odd numbers.

Problem 12:

Write a program to filter out all strings from an array that have a length greater than a specified value.

Problem 13:

Write a program to filter out all prime numbers from an array and create a new array with only the prime numbers.