

TK1914

Lab Assignment on Arrays

1. Write a C++ program that declares an array of length N containing integers between 1 and N, determine if it contains any duplicates.
2. Write a C++ program that declares an array Arr of N components of type double. Prompts the user to input N values. Determine the largest and the smallest values. Assume that N = 20.
3. Write a C++ program that declares an array alpha of type integer that prompts the user to input N numbers. Sort the numbers into an descending order and keep them into a new array called beta.
4. Write a C++ program that declares an array gamma of type char. Prompt the user to input N characters. Determine if the input is a vowel. Save non-vowel character to a new array called delta.
5. Write a C++ searching program that declares an array matrix of type integer that prompts the user to input N numbers. Again prompt the user to input the number to be searched. If the number can be found, print its position, otherwise print " It is not in the list".