

Task#1 : Write a program to allocate memory locations for four integer pointers using ‘new’ operator.

Input values and store using these pointers. Find out the minimum value from given four integers.

Task#2 : Write a program to allocate memory locations for an array of ‘int’ type using ‘new’ operator.

The program should input size of the array during program execution. Enter values into array and find maximum value.

Note: You have to release the memory using delete operator before the end of program.

Task#3 : Write a program to store alphabets to a character array (get length of table during program execution) using pointer. Pass the array as arguments to a function. Print the vowels to the screen.

Hint: Your will use new operator to allocate memory.

Note: You have to release the memory using delete operator before the end of program.

Task#4 : Write a program to store integer values to an array (Get size of array during program execution) using pointer. Pass the array as arguments to a function. Print Median and average values.

Hint: Your will use new operator to allocate memory.

Note: You have to release the memory using delete operator before the end of program.

Task#5 : A palindrome is a string that is spelled the same way forward and backward. Some examples of palindromes are "radar" and "madam" etc. Write a function that input a string str and check whether its palindrome or not.

Task#6 : Write a program that ask user for size s of vectors. Declare two vectors of size s dynamically. Multiply two vectors and store result in resulting array and print using pointer notation.

Task#7 : In main function declare the three float arrays dynamically by taking size from user (same size

for each array). Write a function Add that takes three arrays and size as arguments and performs the follows tasks.

- .-Input values form user for first and section array using pointer notation
- Add consecutive elements and store the result in the resulting array
- Return resulting array
- Print sum in main function

Task#8 : Write a program that lets the user enter n values only once in a dynamic array. The program

should then display the largest and smallest values as well as the total number of evens and odds in the input values using pointer notation.