Programming Fundamentals Workshop

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| Assignment Detail |
| Note: | **Code should be Proper commented and indented.** |

Q1. Write a program which create an integer array of 10 elements, take input from user in that array and display the array in reverse order.

Q2. Write a program which create an integer array of 10 elements, take input from user in that array and also take an integer as input and search that number in the array and tells the index no of first occurrence of that element in the array.

Q3. Twenty-five numbers are entered from the keyboard into an array. Write a program to find out how many of them are positive, how many are negative, how many are even and how many odd.

Q4. Create a function that find and displays the smallest and largest number from the given array.

Q5. Create a function that check each element of array and displays whether it’s prime or not.

Q6. Write a Program that will take Input a String and Then Display next Character from each Character.

Sample Output

Enter a String: Hello World

Result = Ifmmp Xpme

Q7. - Create a function which takes an array as an input and return its size. (strlen)

 Enter String: Programming Fundamentals Assignment

 String Size: 35

Q8. Write a program that in a loop prompts the user to enter an integer, say X, and then prints the first X capital letters in reverse order. The loop terminates when X is less than 1. If X is greater than 26 then by seeing the sample input &output given below decide what to do. Case # 3 will give u the hidden information. You have to make function to solve this problem

 Here is a sample run of your program:

Enter value for X: 5

 EDCBA

Enter value for X: 9

 IHGFEDCBA

Enter value for X: 30

 DCBAZWYXVUTSRQPONMLKJIHGFEDCBA

Enter value for X: -3

 Good Bye