Lab Task Week 13

1. Write program that takes the marks of 10 students from user. The program then displays the max marks, min marks, average marks, marks.

2. Write a program that takes 10 values from user, stores it in array and displays the no of even and odd numbers along with the number.

3. Write a program that takes the name and password of a person. The password should be passed to a function as an argument. The function should check if the password is fulfilling the following requirements:
   - Password must be 8 characters long.
   - Password must contain at least one special symbol (%, !, *, ^, &).
   - (Plus, you can further add your restrictions too, recommended but optional). If any of the above-mentioned criteria's is not fulfilling the program must prompt the user to enter a valid password again.
   - When all the criteria of the password fulfill, the program asks again to enter the password to display a secret message. If it matches with the information entered by the user previously. The program should display a message "You know what? You can be a great programmer. Keep Coding!". You can display your own funny/customized message too.

4. Write a program that stores 15 numbers in array by taking input from user and displays the no of unique elements in array along with the number.