

Python Assignment-Summer-2022

1. Write a Python program that takes two floating number from the user and find the sum of the number using Function.

2. Write a Python program that takes five integer numbers from the user and show the largest and smallest number.

3. Write down the functions Sum(), Subtraction(), Multiplication() and Division() which takes two number as floating type .

4. Suppose you need to write a program to take a survey of university students' extra curriculum activities. Now you can use IF ELSE statement to do this:

-> If a user inputs "brilliant" then show "The Student is more active and sincere".

-> If a user inputs "better" then show "The Student is trying to join extra curriculum activities".

-> If a user inputs "good" then shows "The Student is learn about extra curriculum activities".

-> If a user inputs "Nothing" then show "The Student does not join any extra curriculum activities Yet".

4. Write a Python program which will print an alert message (Be careful). [When you run the program]

7. Write a Python program that contains an array and show the value in descending order. [In the array keep any ten values]

8. Write a Python program which find out the student grade system-

Marks	Grade
80 or Above	A+
75-79	A
70-74	A-
65-69	B+
60-64	B-
55-59	D

50-54	C
Below 40	F

Note : Marks are given by the user.

9. Write a Python program to find an odd number between 1 to 200.

11. Write a program that takes an age input from the user & alerts a message. If the user input less than 18, then it will alert "Age must be greater than or equal to 18".

12. Write a **Python** program that will take an input from user as an age. So, check whether the number is greater than or equal to 50 or not. If user submits the button without entering age then it shows "The field is empty".

[The number must be taken from the keyboard by user] Sample Input and output:

Input Output

```
20      your are not allowed
50      You are allowed
        The field is empty
60      you are allowed
49      You are not allowed
```

13. Write a **Python** program that will take two interger umber from user. if user put first number 4 and second number 9 then print the value 4 5 6 7 8 9. Note: first number is always smaller than second number .if user put first number large and second number small then it will alert the message ("Please give first number small and second number large").

14. Write a program using a while loop which prints the number like 49, 48, 47, 46.....21, 20, 1

15. There is an array ob the size of the array is 10, now put the value in the array (ob[0]=6, ob[1]=11, ob[2]=2, ob[3]=0, ob[4]=1, ob[5]=6, ob[6]=16, ob[7]=6, ob[8]=6, ob[9]=3). Find out the average of the value which contains in the array. * Must use loop