

DAY 3

OUTPUT SCREENSHOTS

1) Create a application that take 2 numbers and find its sum, product and divide the first by second, also subtract the second from the first.

Include another method to find the remainder when the first number is divided by second

```
Enter a number:
20
Enter a number:
10
The sum is 30
The difference is -10
The product is 200
The quotient is 2
The remainder on dividing number 1 from number 2 is 0
```

2) create an application that will find the greatest of the given numbers. Take input until the user enters a negative number

```
Enter your numbers one by one (to stop enter negative number):
12
9
5
-4
The maximum value is 12
```

3) Find the average of all the numbers that are divisible by 7. Take input until the user enters a negative number

```
Enter your numbers one by one (to stop enter negative number):
7
12
14
21
-7
The average of numbers divisible by 7 is 14
```

4) Find the length of the given user's name

```
Enter a string:  
Aswathi  
The length is 7
```

5) Create a application that will take username and password from user. check if username is "ABC" and password is "123".

Print error message if username or password is wrong

Allow user 3 attempts.

After 3rd attempt if user enters invalid credentials then print msg to intimate user that he/she has exceeded the number of attempts and stop

```
Enter the username:  
ABC  
Enter the password:  
123  
You have entered correct username and password
```

```
Enter the username:  
ASH  
Enter the username:  
BLU  
Enter the username:  
RED  
You have entered incorrect username
```

6) Take a string from user the words separated by comma(","). Separate the words and find the words with the least number of repeating vowels. print the count and the word. If there is a tie then print all the words that tie for the least

```
Enter the string:  
Hello,Welcome,Bye  
The number of words are 3  
The word with least number of vowels:  
Bye
```