## Assignment - 6 Full Stack Web Development using Python MySirG

## **Decision Control**

1. Write a python script to check whether a given number is positive or non-positive

```
Assignment-6.py - C/Users/Kheral.aditya/Desktop/Aditya_Main/Python/Assignment-6. — X
File Edit Format Run Options Window Help

*Check whether a given number is positive or non-positive
number = int(input ("Entrer the number: "))

if number>0:
    print("Number is Positive")

else:
    print("Number is Non-Positive")

**ESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/Assignment-6.py ==
Enter the number: 16
Number is Positive

**ESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/Assignment-6.py ==
Enter the number: -3
Number is Non-Positive
```

2. Write a python script to check whether a given number is divisible by 5 or not

```
Assignment-6.py - C/Users/Rheral.aditya/Desktop/Aditya_Main/Python/Assignment-6. 

File Edit Format Run Options Window Help

#to check whether a given number is divisible by 5 or not number = int(input("Enter the number: "))

if number\(^{1}\) = int(input("Enter the number: "))

if number\(^{1}\) = print("Number is Divisible")

else:

print("Number is Not-Divisible")

Print("Number is Not-Divisible")

= RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Fython/Assignment-6.f

Enter the number: 34

Number is Not-Divisible

>>> RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Fython/Assignment-6.f

Enter the number: 34

Number is Not-Divisible
```

3. Write a python script to check whether a given number is even or odd

4. Write a python script to print greater between two numbers. Print number only once even if the numbers are the same.

Write a python script to print two given words in dictionary order

```
**icorder.py - C/Users/Kheraladitya/Desktop/Aditya_Main/Python/dicOrder.py (3.10.6)*

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#print two given words in dictionary order
word1 = input("Enter the 1st word: ")
word2 = input("Enter the 2nd word: ")
#word2 = input("Enter the 2nd word: aditya aditya and tya asame words", word1)

### Fights 3.10.6

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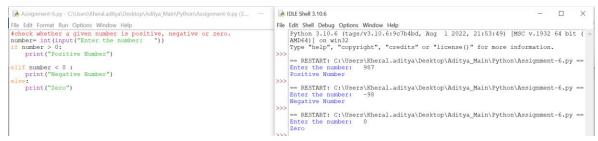
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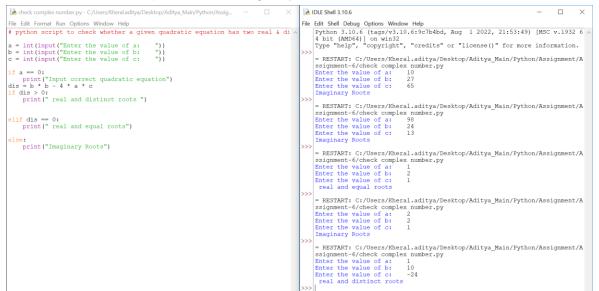
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6. Write a python script to check whether a given number is a three digit number or not.

7. Write a python script to check whether a given number is positive, negative or zero.



8. Write a python script to check whether a given quadratic equation has two real & distinct roots, real & equal roots or imaginary roots



9. Write a python script to check whether a given year is a leap year or not.

10. Write a python script to print greater among three numbers. Print number only once even if the numbers are the same.

```
| Compare | Comp
```

11. Write a python script to take the month value in numeric format and display the number of days in it.

```
| Assignment-6.py - C\User\Kheraladitya\Desktop\Aditya_Main\Python\Assignment-6.py (3... - |
| File Edit Format Run Options Window Help
| Stake the month value in numeric format and display the number of days in it.
| Number in thinput ("Enter the month in number: ")
| If (number=10 r number=3 or number=5 or number=6 or number=6 or number=6 or number=7 or number=6 or number=7 or number of days in a month is: ", 31)
| If (number of days in a month is: ", 31)
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| If (number of days in a month is:
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12. Write a python script to accept one complex number from the user and display the greater number between real part and imaginary part

