

Assignment-1

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1) Write a program to find a Maximum between two numbers input 1, 2

Ans

```
num1 = int(input("Enter the no1:"))
num2 = int(input("Enter the no2:"))
if (num1 > num2):
    print("num1, is max number between 1 & 2")
elif (num1 < num2):
    print("num2, is max number between 1 & 2")
```

output: Enter the no1: 1

Enter the no2: 2

2 is max number between 1 & 2

2) Write a program to check whether the number is ~~Even~~ Negative, positive or equal to zero.

Ans

```
num = int(input("Enter the no:"))
if num > 0:
    print(num, "is the positive number")
elif (num < 0):
    print(num, "is the negative number")
elif (num == 0):
    print(num, "is the equal number")
```

output: Enter the No: -2

-2 is the negative number

3) Write a program to find whether the number is Even or odd

```
num = int(input("Enter the no:"))
if (num % 2 == 0):
    print(num, "is an Even number")
else:
```

```
    print(num, "is an odd number")
```

output: Enter the no: 4

4 is an Even number

- 4) Write a program to check whether the number is divisible by 5 or not.

Ans

```
num = int(input("Enter the no: "))
if (num % 5 == 0):
    print(num, "is divisible by 5")
else:
    print(num, "is not divisible by 5")
```

output: Enter the no: 55
55 is divisible by 5

- 5) Write a program to take an integer ranging from 0 to 6 and print corresponding weekday.

Ans

```
weekday = int(input("Enter the integer ranging from 0 to 6: "))
if (weekday == 1):
    print("Monday")
elif (weekday == 2):
    print("Wednesday")
elif (weekday == 3):
    print("Tuesday")
```

output: Enter the integer ranging for weekday: 2
Wednesday

- 6) Write a program to take a check whether the character is Alphabet or not.

Ans

```
Alphabet = input()
if (Alphabet.isalpha()):
    print(Alphabet, "is an Alphabet")
else:
    print(Alphabet, "is not Alphabet")
```

output: V
V is an Alphabet

7) write a program to take a number of month and print the number of days in that month.

Ans

```
cal = int(input("Enter the month details:"))
if (cal == 1):
    print("Jan is an 31-day month")
elif (cal == 2):
    print("Feb is an 28-day month")
if (cal == 3):
    print("march is an 31-day month")
elif (cal == 4):
    print("April is an 30-day month")
```

output : Enter the month details: 4
April is an 30-day month.

8) Write a program to check whether the number is greater than 10 or not.

Ans.

```
num1 = int(input("Enter the no: "))
num2 = int(input("Enter the no: "))
if (num > 10):
    print("Yes", num1, "is greater than 10")
elif (num < 10):
    print("No", num2, "is less than 10")
```

output:- Enter the no: 12

Yes 12 is greater than 10

Enter the no: 2

No 2 is less than 10