

Assignment

Q1. Name the keyword which helps in writing code involving conditions.

Ans: `if` , `elif`,`else`

Q2. Write the syntax of a simple if statement.

Ans: `if test_expression:`
`Statement(s)`

Q3. Write a program to check whether a person is eligible for voting or not. (accept age from user)

```
Ans: age=int(input("enter age:"))
if age>=18:
    print("eligible for voting!")
else:
    print("not eligible for voting!")
```

Q4. What is the output of the given below program?

```
if 1 + 3 == 7:
    print("Hello")
else:
    print("Know Program")
```

ans: Know Program

Q5. Write a program to check whether a number entered by user is even or odd.

```
Ans: if (num % 2) == 0:
    print("is Even")
else:
    print("is Odd")
```

Q6. Python program to find the largest element among three Numbers ?

```
num1 = 10
num2 = 50
num3 = 15
```

```
Ans: num1=10
num2=50
num3=15

if (num1 >= num2) and (num1 >= num3):
    largest = num1
elif (num2 >= num1) and (num2 >= num3):
    largest = num2
else:
    largest = num3

print("The largest number is", largest)
```

07. Write a program to accept a number from 1 to 12 and display name of the month and days in that month like 1 for January and number of days 31 and so on

Ans: `a = int(input("Enter a number from 1 to 12 = "))`

```
if a==1:
    print("January, no. of days = 31")
if a==2:
    print("February, no. of days = 28 or 29")
if a==3:
    print("March, no. of days = 31")
if a==4:
    print("April, no. of days = 30")
if a==5:
    print("May, no. of days = 31")
if a==6:
    print("June, no. of days = 30")
if a==7:
    print("July, no. of days = 31")
if a==8:
    print("August, no. of days = 31")
if a==9:
    print("September, no. of days = 30")
if a==10:
    print("October, no. of days = 31")
if a==11:
    print("November, no. of days = 30")
if a==12:
    print("December, no. of days = 31")
if a>12:
    print("Error")
if a<1:
    print("Error")
```