Assignment day 2 -

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 your age: "))

if (age > 18):

print("Eligible to Vote")

else:

print("Not eligible to vote"

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-

num = int(input("Enter a number: "))

if (num % 2) == 0:

print("{0} is Even".format(num))

else:

print("{0} is Odd".format(num))

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-

i=int(input("Enter a month number"))

if i==1:

print("January",)

print("No. of days: 31 day")

elif i==2:

print("February")

print("No. of days: 28/29 days")

elif i==3:

print("March")

print("No. of days: 31 day")

elif i==4:

print("April")

print("No. of days: 30 days")

elif i==5:

print("May")

print("No. of days: 31 day")

elif i==6:

print("June")

print("No. of days: 30 days")

elif i==7:

print("July")

print("No. of days: 31 day")

elif i==8:

print("August")

print("No. of days: 31 day")

elif i==9:

print("September")

print("No. of days: 30 days")

elif i==10:

print("October")

print("No. of days: 31 day")

elif i==11:

print("November")

print("No. of days: 30 days")

elif i==12:

print("December")

print("No. of days: 31 day")

else:

print("Wrong input")