WORKSHEET 4

Q1/ WRITE A PYTHON PROGRAM TO FIND THE RESULT OF THE EQUATION **?**

```
X= INT(INPUT("X="))
IF X<0:
    PRINT ("NEGATIVE")
ELIF X==0:
    PRINT ("ZERO")
ELSE:

PRINT ("POSITIVE")
```

Q2/ WRITE PYTHON PROGRAM TO FIND THE GREATER NUMBER AMONG THREE NUMBERS

```
x=int(input("X="))
y=int(input("Y="))
z=int(input("Z="))
if x>y and x>z:
    print ("THE LARGEST NUM IS X")
IFy>x and y>z:
    print ("THE LARGEST NUM IS Y")
if z>x and z>y:
    print ("THE LARGEST NUM IS Z")
```

Q3/ WRITE A PYTHON PROGRAM THAT REQUESTS AN INTEGER VALUE FROM THE USER. IF THE VALUE IS BETWEEN 1 AND 100, PRINT" OK:" OTHERWISE, DO NOT PRINT ANYTHING.

```
NUMBER = INT(INPUT("ENTER N= "))
IF 1 <=100:
    PRINT("OK")
```

Q4/ Write a Python program that requests an integer value from the user. If the value is between 1 and 100 inclusive, print "OK;" otherwise, print "Out of range."

```
NUMBER = INT(INPUT("Enter N= "))

IF 1 <= 100:

    PRINT("OK")

ELSE:

    PRINT("Out of range")
```

Q5/ Write a Python program that allows a user to type numbers and convert to English day of the week (Sunday, Monday, etc.). Hint 1→SUNDAY, 2 → MONDAY, etc.

```
x=int(input("x="))
if x==1:
    print("sun")
elif x==2:
    print("mon")
elif x==3:
    print("tus")

elif x == 4:
    print("wn")

elif x == 5:
    print("th")

elif x == 6:
    print("fri")

elif x==7:
    print("sat")
:else
print("Error")
```

Q6/ WRITE A PYTHON PROGRAM TO READ A CITY OF IRAQ AS A NUMBER AND PRINT THE ESTIMATION TO REFER TO IT. HINT: 1 →BAGHDAD, 2 → BASRA 3 →MOSUL, 4 →ERBIL

```python
x=int(input("x="))
if x==1:
    print("BAGHDAD")
elif x==2:
    print("ARBIL")
elif x==3:
    print("KOUT")

elif x == 4:
    print("ANBAR")

elif x == 5:
    print("WASET")

elif x == 6:
    print("SULAYMANIYAH")

elif x==7:
    print("DIHOK")
else :
("print("error
```