# University of Mohamed khider

*Faculty of Economics, Business and Management Sciences*

**Subject: Fundamentals of Programming with Python**

**Level: First Year – Common Core**

## Practical Work3 – Solutions

### Exercise 1

```
Num=int(input("enter an integer"))
if Num%2==0:
    print(Num,"is even")
else:
    print(Num,"is odd")
```

### Exercise 2

```
Word1=input("enter the first word\n")
Word2=input("enter the second word\n")
if Word1!=Word2:
    print("thd two words are different" )
else:
   print("the two words are the same")
```

### Exercise 3

```
# Ask the user to enter a word
word = input("Enter a word: ")

# 1. OR condition: starts with "m" or ends with "d" (case-
insensitive)
if word.lower().startswith("m") or
word.lower().endswith("d"):
    print("The word", word, "either starts with 'm' or ends
with 'd'.")
else:
    print("The word", word, "neither starts with m nor ends
with d.")

# 2. AND condition: starts with "m" and ends with "d"
(case-insensitive)
if word.lower().startswith("m") and
word.lower().endswith("d"):
    print("The word", word, "starts with m and ends with
d.")
```

```
else:
    print("The word", word, "does not start with m and end
with d.")
```

## Exercise 4

```
Num1=float(input("enter your first number "))
Num2=float(input("enter your second number "))
if Num1>Num2:
    print(Num1,"is greater than ",Num2)
elif Num1<Num2:
    print (Num2,"is greater than ",Num1)
else:
  print(Num1,"is equal to ",Num2)
```

## Exercise 5

```
Num1=float(input("Enter your first number "))
Num2=float(input("Enter your first number "))
Num3=float(input("Enter your first number "))

if Num1>Num2:
    if Num1>Num3:
        print(Num1,": is the largest")
    else:
      print(Num3,":is the largest")
else:
   if Num2>Num3:
       print(Num2,": is the largest ")
   else:
       print(Num3,":is the largest")
```