INDIAN SCHOOL AL WADI AL KABIR

Class: VIII	Department : Computer Science	Year :2026-2027
Worksheet with Solutions	Subject:Computer Science Topic: Control Flow Statements Post Midterm Practice Worksheet	

Instructions: Read each question, study the program, and type and execute it in Python IDLE.

Q1. Check whether a number is even or odd

Write a Python program to check whether the number is odd or even.

```
num = int(input("Enter a number: "))
if num % 2 == 0:
    print("Even number")
else:
    print("Odd number")
```

Sample Output:

Enter a number: 8 Even number

Q2. Check whether a number is positive or negative

Write a Python program to check whether the number is positive or negative.

```
num = int(input("Enter a number: "))
if num >= 0:
    print("Positive number")
else:
    print("Negative number")
```

Sample Output:

Enter a number: -5 Negative number

Q3. Find the greatest of two numbers

Write a Python program to find the greatest of two numbers

```
a = int(input("Enter first number: "))
b = int(input("Enter second number: "))
if a > b:
   print("Greatest =", a)
else:
   print("Greatest =", b)
```

Sample Output:

Enter first number: 25 Enter second number: 15 Greatest = 25

Q4. Check whether a person is eligible to vote.

Write a Python program to check whether the person's age is eligible to vote or not .

```
age = int(input("Enter your age: "))
if age >= 18:
    print("Eligible to vote")
else:
   print("Not Eligible")
```

Sample Output:

Enter your age: 20 Eligible to vote

Q5. Check whether a number is divisible by 5.

Write a Python program to check whether the number is divisible by 5 or not.

```
num = int(input("Enter a number: "))
if num % 5 == 0:
    print("Divisible by 5")
```

```
else:
    print("Not divisible by 5")
```

Sample Output:

Enter a number: 25 Divisible by 5

Q6. Check whether a student has passed or failed

Write a python program to accept subject marks and check whether a student has passed or failed.

```
marks = int(input("Enter your marks: "))
if marks >= 40:
    print("Pass")
else:
  print("Fail")
```

Sample Output:

Enter your marks: 65

Pass