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UNIVERSITY INSTITUTE OF ENGINEERING

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Subject Name –Programming in Python Lab

Subject Code – 24CSP-203

Submitted To:

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Submitted By:

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UID:24BCS12443

Section:712 A

Department of Computer Science & Engineering

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| Exp. No | List of Experiments | Conduct (M.M:20) | Viva (M.M:5) | Record (M.M:5) | Total (M.M:30) | Remarks |
|---------|--|------------------|--------------|----------------|----------------|---------|
| 1. | Write a Python program that takes an integer input from the user and checks whether it is even or odd using the ternary (conditional) operator | | | | | |
| 2. | You are given a list of scores. Your task is to find the highest score. | | | | | |
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DEPARTMENT OF

COMPUTER SCIENCE & ENGINEERING

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Worksheet 1

Student Sujal Thakur

Branch: CSE (general)

Semester: 3rd

Subject Name: Python Programming

UID:24BCS12443

Section/Group: 712/A

Date of Performance:12/08/25

Subject Code: 24CSP-203

- 1. Aim:** Write a Python program that takes an integer input from the user and checks whether it is even or odd using the ternary (conditional) operator

2. Requirements (Hardware/Software):

Hardware:

- Computer/Laptop with internet connection
- Keyboard and Mouse

Software:

- Web Browser (Google Chrome, Mozilla Firefox, etc.)
- HackerRank account
- Python 3.x compiler (online on HackerRank platform)

3. Procedure:

- i. Log in to your HackerRank account.
- ii. Open the problem statement that requires checking if a number is even or odd.
- iii. Read the input format given in the problem description.
- iv. Take the number as input using `input()` in Python.
- v. Convert the input into an integer using `int()`.
- vi. Use the modulus operator `%` to check if the number is divisible by 2:
- vii. If `num % 2 == 0`, print "even".
- viii. Else, print "odd".
- ix. Submit the code and check test case results.

4. Output:

HackerRank code

```
n = int(input())  
  
print("Even" if n % 2 == 0  
      else "odd")
```

4. Output:

Input:

9

Output:

odd

5. Learning Outcome:

- Learned how to take input and output according to HackerRank's required format.
- Understood how to use modulus operator for checking even and odd numbers.
- Practiced using conditional statements in Python.
- Gained experience in solving coding problems on competitive programming platforms.