



# **CHANDIGARH UNIVERSITY**

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UNIVERSITY INSTITUTE OF ENGINEERING

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**Subject Name –Programming in Python Lab**

**Subject Code – 24CSP-203**

**Submitted To:**

**Faculty Name: Dr. Ishta Mam**

**Submitted By:**

**Name: Aditya Kumar**

**UID:24BCS12427**

**Section:712 A**

## Department of Computer Science & Engineering

### INDEX

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.					



**DEPARTMENT OF**

**COMPUTER SCIENCE & ENGINEERING**

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### **Worksheet 1**

**Student Aditya Kumar**

**Branch: CSE (general)**

**Semester: 3<sup>rd</sup>**

**Subject Name: Python Programming**

**UID:24BCS12427**

**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.