Progressive Education Society’s

**MODERN COLLEGE OF ENGINEERING, Pune -05.**

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

MCA Department

**PRACTICAL SUBMISSION RECORD- A.Y. 2024-25**

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| **Class: FYMCA Div: A**  **Semester: II** | **Course Code: MCA01554**  **Course Name: Java Programming Laboratory** | | **Batch: F2** |
| **Name: Pranav Raju Malwatkar** | | **Roll No: 51037** | |
| **CO No: CO515.1** | | **Assignment No: 3** | |

**Program Title: 3) Write a program to accept roll no. Marks from users. Throw user defined exception Marks out of Bound if marks are <0 or marks>100.**

**Program Code:**

import java.io.\*;

class MarksOutOfBoundException extends Exception{

public MarksOutOfBoundException(String message){

super(message);

}

}

class java3 {

public static void main(String[] args) {

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

try {

System.out.print("Enter Roll Number: ");

int rollNo = Integer.parseInt(br.readLine());

System.out.print("Enter Marks: ");

int marks = Integer.parseInt(br.readLine());

if (marks < 0 || marks > 100) {

throw new MarksOutOfBoundException("Marks out of Bound! Enter marks between 0 and 100.");

}

System.out.println("Roll Number: " + rollNo);

System.out.println("Marks: " + marks);

} catch (MarksOutOfBoundException e) {

System.out.println("Error: " + e.getMessage());

} catch (Exception e) {

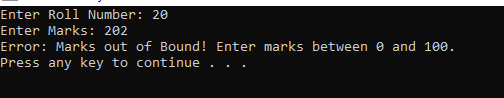
System.out.println("Invalid Input! Please enter valid numbers.");

}

}

}

**Output:**

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