

Progressive Education Society’s

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

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

**MCA Department**

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| **Class: FYMCA Div: A Semester: II** | **Course Code: MCA01554**  **Course Name: Java Programming Laboratory** | | **Batch: F1** |
| **Name: Abhijeet Joshi** | | **Roll No: 51023** | |
| **CO No: CO515.2** | | **Assignment No: 4** | |

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

**Title**: Write a program that simulates a traffic signal light with short delay between states.

# Code:

public class Slip4 { public enum Signals{

RED,GREEN,YELLOW;

}

public static Signals getRedSignal(){ return Signals.RED;

}

public static Signals getGreenSignal(){ return Signals.GREEN;

}

public static Signals getYellowSignal(){ return Signals.YELLOW;

}

public static void main(String[] args) { while (true) {

System.out.println(getRedSignal()+"->STOP"); sleep(5000); System.out.println(getGreenSignal()+"->GO"); sleep(5000);

System.out.println(getYellowSignal()+"->SLOW DOWN"); sleep(5000);

}

}

private static void sleep(int millisecond){ try {

Thread.sleep(millisecond);

} catch (Exception e) { System.out.println(e.getMessage());

}

}

}

# Output:

