**Programming Paradigms Laboratory**

**B.Tech.**



**Name : Subhendu Maji**

**Roll Number : 18ETCS002121**

**Department : Computer Science and Engineering**

**Faculty of Engineering & Technology**

**Ramaiah University of Applied Sciences**

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| Faculty | Engineering & Technology |
| Programme | B. Tech. in Computer Science and Engineering |
| Year/Semester | 2nd Year / 4th Semester |
| Name of the Laboratory | Programming Paradigms Laboratory |
| Laboratory Code | 19CSL217A |

# Laboratory 2

Title of the Laboratory Exercise: Classes and Objects

1. Questions
2. Develop a java program to Create a class called Employee that includes three instance variables—a first name (type String), a last name (type String) and a monthly salary (double). Define a constructor that initializes the three instance variables, setInfo() and a getInfo() which takes the salary, number of hours of work per day of employee as parameter method. If the monthly salary is not positive, do not set its value. Create two Employee objects and display each object’s yearly salary. Then give each Employee a 10% raise and display each Employee’s yearly salary again.
3. Create a class MyComplex that includes real and imaginary instance variables. Define a constructor to initializes instance variables using this keyword and methods to perform arithmetic operations.
4. Calculations/Computations/Algorithms
5. Presentation of Results
6. Conclusions
7. Limitations of Experiments and Results