Object-Oriented Programming
Subject: CSW2(CSE3141)
Session: Feb 2024 to April 2024
Branch: CSE&CSIT
Section: All
Assignment – 1

Q1. Write a program to create a bank account application and perform basic operations like withdraw and deposit.
Note:
– In the above question, explain how to design the problem using object-oriented approaches.
– In the design part, pictorially represent to class Account and BankApp and the respective variable and methods
– Explain encapsulation by making data member private and member functions public
– Use the set, and get methods
– Explain how to override the toString method with proper annotation.
– Then implement it using Java.

Q2. Write a program to create an employee application that supports basic operations like setting employee details and displaying employee details.
Note: Tell the student to solve this question using the process of Q1.

Q3. Write a program to create MobleApp to display what is the sim used in the mobile.
Note: Tell the student to solve this question using the process of Q1.
• Explain the constructors.
• Explain types of constructors with suitable examples (parameterized and non-parameterized).

Q4. Rewrite the Q1 and Q2 and Q3 with suitable constructors.