

Institute of Business Administration

CSE 142 – Object Oriented Programming Techniques

50380 – Spring 2021

Day & Date: Thursday, February 04, 2021

### Task One

Following is the UML notation of a BankAccount class. Implement the class using JAVA programming language

BankAccount
- AccountTitle : String - AccountNumber: String - AccountType: String - AccountBalance : double
+ setDetails(String,String,String) : void + withdrawAmount(int) : void + depositAmount(int) : void + checkBalance() : void

### Task Two

Write a JAVA application that creates an instance of BankAccount class and allows user to perform following tasks

1. Assign Account Title, Account Number, and Account Type of the Bank Account
2. Deposit money in the Bank Account
3. Withdraw money from the Bank Account
4. View Bank Account Details
5. Check Bank Account Balance
6. Exit

### Task Three

Improve the withdrawAmount() method such that user is prompted appropriately if the requested amount to withdraw is more than the balance in the bank account