

SSN COLLEGE OF ENGINEERING

OOPS Lab

PROGRAM USING EXCEPTIONS

1. Create a class named “Account” which contains name, acct_num, branch, balance, PAN_num. Create functions for deposit and withdrawal.

- a. In deposit function, if the customer deposits money more than 25000, then throw the user defined exception “PANRequiredException” and get the PAN number and proceed the deposit.
- b. In withdrawal function, if the customer requesting some money, check on withdrawal will it satisfy the minimum_bal amount and throw the “MinBalRequiredException” exception. If the withdrawal amount is more than the balance amount then throw “NotEnoughMoneyInAccountException”.
- c. Search for a particular acct_num. If not present then throw “AccountNotFoundException”.
- d. On PAN number entry check the format of 10 characters. First 5 characters then 4 numbers and then 1 character. If the format not matched then throw “PANFormatMismatchException”.
- e. On account creation if user gives a non branch, then throw “BranchNotFoundException”