

SET-1(EVEN PC NUMBERS)

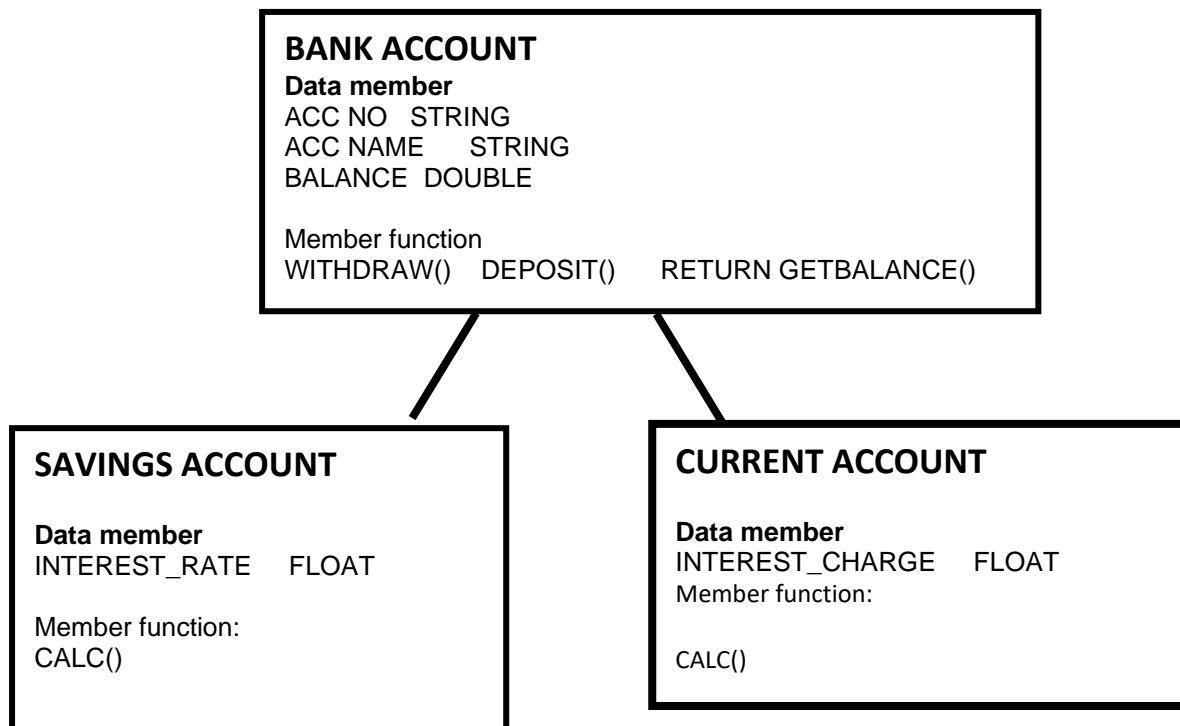
F. Y. BSc IT Semester 2

Internal Practical Exam

DSC-3 Object Oriented Programming Methodology

Date:04/05/22

Create a following classes and relationships with given data member and member functions.



Here, BankAccount , SavingsAccount & CurrentAccount are the class in above hierachy.

Perform the following:

1. Create objects of Savings A/c and Current A/c.
2. Deposit Rs 5000 in Savings A/c.
3. Deposit Rs 10000 in Current A/c.
4. Find Monthly interest received based on Interest rate 10% on Savings A/c.
5. Find Monthly interest received based on Interest rate 15% on Current A/c.
6. Withdraw from Savings A/c (the amount taken from user). Do not allow to withdraw if account balance is less than Rs. 1000.
7. Deposit Rs 10000 in Savings A/c.
8. Deposit Rs 15000 in Current A/c.
9. Withdraw from Current A/c (the amount taken from user). Do not allow to withdraw if account balance is less than Rs. 10000.

Expected output:

For Savings A/c

A/cNo	A/c Name	Balance	AmountAfterInterest
A1001	MaheshBhai	5000	5500

Enter Amount to withdraw
10000

Not allow to withdraw due to Low Balance

SET-2 (ODD PC NUMBERS)

F. Y. BSc IT Semester 2

Internal Practical Exam

DSC-3 Object Oriented Programming Methodology

Create a following classes and relationships with given data member and member functions.

CUSTOMER

Data member

Cname
CAddress
Contactnumber
Member function
GETDATA()

PURCHASE

Data member

ITEMName1 ITEMPrice1 ItemQTy
ITEMName2 ITEMPrice2 ItemQTy
ITEMName3 ITEMPrice3 ItemQTy
TotalItem Total Price
Member function:
Get() Calc()

DISCOUNT

Data member

Discount rate 5%
CGST 18%
SGST 12%
FinalAmount
MEMBER FUNCTION
Calc()

Create the program to calculate 5 customers purchase details and display in proper format with all important columns

Cname	CAddress	Item1	Item2	Item3	Total	CGST	SGST	Final
Tanay	Adajan	1000	2000	3000	6000	1080	720	7800

