

Dt : 14/10/2024(Day-15)

Ex:

DB-Table : Bank67(accno,name,bal,acctype)

Primary Key : accno

**create table Bank67(accno number(15),name varchar2(15),bal number(10,2),
acctype varchar2(15),primary key(accno));**

Insert two Customer details:

insert into Bank67 values(6123456,'Alex',12000,'savings');

insert into Bank67 values(313131,'Ram',500,'Savings');

SQL> select * from Bank67;

ACCNO NAME	BAL ACCTYPE
6123456 Alex	12000 savings
313131 Ram	500 Savings

SQL>

Transaction : Transfer amount : 4000/- from accNo : 6123456 to accNo : 313131

statement-1 : Subtract 4000/- from the accNo : 6123456

statement-2 : Add 4000/- to the accNo : 313131

Layout:


```

ps1.setLong(1, hAccNo);
ResultSet rs1 = ps1.executeQuery();
if(rs1.next()) {
    float bl = rs1.getFloat(3);
    System.out.println("Available bal : "+bl);
    System.out.println("Enter the benifiecieryAccNo:");
    Long bAccNo = s.nextLong();
    ps1.setLong(1, bAccNo);
    ResultSet rs2 = ps1.executeQuery();
    if(rs2.next()) {
        System.out.println("Enter the amount to be
transferred:");
        float amt = s.nextFloat();
        if(amt<=bl) {
            //statement-1 : Subtract 4000/- from the accNo :
6123456
            ps2.setFloat(1, -amt);
            ps2.setLong(2, hAccNo);
            int i = ps2.executeUpdate();//Buffer Updated

            //statement-2 : Add 4000/- to the accNo : 313131
            ps2.setFloat(1, +amt);
            ps2.setLong(2, bAccNo);
            int j = ps2.executeUpdate();//Buffer Updated

            if(i==1 && j==1) {
                System.out.println("Transaction is
Successfull....");
                con.commit();//Database updated permanently
            }else {
                System.out.println("Transaction failed....");
                con.rollback(sp);
            }
        }else {
            System.out.println("Insufficient fund...");
        }
    }else {
        System.out.println("Invalid benifiecieryAccNo....");
    }
}
}else {
    System.out.println("Invalid homeAccNo....");
}
con.close();
}catch(Exception e) {
    System.out.println(e.toString());
}
}
}

```

o/p:

Commit-status : true

Commit-status : false

Enter the HomeAccNo:

6123456

Available bal : 12000.0

Enter the benificieryAccNo:

313131

Enter the amount to be transferred:

4000

Transaction is Successfull....

=====

Assignment:

Modify the above program by displaying the following messages from catch-block

"Invalid hAccNo..."

"Invalid bAccNo..."

"Insufficient Fund..."

=====