**PRACTICAL:24**

**AIM: Write an small application in Java to develop Banking Application in which user deposits the amount Rs 1000.00 and then start withdrawing of Rs 400.00, Rs 300.00 and it throws exception "Not Sufficient Fund" when user withdraws Rs. 500 thereafter.**

**PROGRAM:**

import java.util.Scanner;

class MyException1 extends Exception

{

public MyException1(double a)

{

double balance=a;

System.out.println("Not Sufficient fund.");

System.out.println("Total balance "+balance);

}

}

class Bank1

{

double balance=0;

void deposite(double ubalance)

{

balance=balance+ubalance;

System.out.println(ubalance+"rs are being deposited");

System.out.println("updated balance : "+balance);

}

void withdraw(double zbalance)

{

try

{

if((balance - zbalance)<0)

{

System.out.println("Attempt to withdraw " + zbalance + " rupees is failed.");

throw new MyException1(balance);

}

else

{

balance=balance-zbalance;

System.out.println(zbalance+"rs are being withdrawed");

System.out.println("updated balance : "+balance);

}

}

catch(MyException1 )

{

System.out.println();

}

}

}

public class P24\_7059

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

Bank1 b1=new Bank1();

int ch;

int dp;

int wd;

while(true)

{

System.out.println(" 1.deposit\n 2.withdraw\n 3.Exit\n");

System.out.println("Enter your choice ");

ch=sc.nextInt();

switch(ch)

{

case 1:

System.out.println("enter the amount to deposit");

dp=sc.nextInt();

b1.deposite(dp);

break;

case 2:

System.out.println("enter the amount to withdraw");

wd=sc.nextInt();

b1.withdraw(wd);

break;

case 3:

System.exit(0);

break;

default:

System.out.println("wrong input");

break;

}

}

}

}

# OUTPUT:

