**1st question:-**

**class** Mainkirti

{

**public** **static** **void** main(String args[])

    {

**try** {

**int** a = 30, b = 0;

**int** c = a/b;

            System.out.println ("Result = " + c);

        }

**catch**(ArithmeticException e) {

            System.out.println ("Can't divide a number by 0");

        }

    }

}

**2nd question:-**

import java.util.Scanner;

class Mainkirti23

{

public static void main(String args[])

{

int a;

int b;

Scanner sc =new Scanner(System.in);

a=sc.nextInt();

b=sc.nextInt();

try {

throw new UnsupportedOperationException();

}

catch(UnsupportedOperationException e) {

System.out.println("CANT DIVIDED BY ZERO");

}

}

}

**3rd question:-**

public class IllegalBankTransactionException extends Throwable {

public String toString() {

return "IllegalBankTransactionException";

}

}

public class InsufficientBalanceException extends Throwable {

public String toString() {

return "InsufficientBalanceException";

}

}

import java.util.Scanner;

public class SavingsAccount {

public static void main(String[] args) throws IllegalBankTransactionException,InsufficientBalanceException {

Scanner scanner = new Scanner(System.in);

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

double deposit = scanner.nextDouble();

double balance = deposit;

balance+=deposit;

System.out.println("Enter your withdraw Amount");

double withdraw = scanner.nextDouble();

withdraw( withdraw,balance);

}

private static void withdraw(double withdraw, double balance) throws IllegalBankTransactionException,InsufficientBalanceException {

if(withdraw <= balance && withdraw >0) {

System.out.println("Hi Take your amount "+ balance );

}

else if(withdraw <0) {

throw new IllegalBankTransactionException();

}

else if(withdraw > balance || withdraw ==0) {

throw new InsufficientBalanceException ();

}

}