INTERNET PROGRAMMING

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Create user-defined class which will provide two methods:

• setData – to get two numbers from user

 • showResult – to calculate the division of entered numbers Also make sure you are handling the ArithmeticException and NumberFormatException.

CODE:

```java
import
java.util.Scanner; class
experiment{
  public static void main(String
    arg[]){ experiment obj = new
    experiment(); int x =
    obj.setData();
     int y =
     obj.setData();
     obj.showResult(x,y
     );
        }
  int setData(){
    Scanner scan=new
    Scanner(System.in); try {
       System.out.print("Enter a number :
       "); String a=scan.next();
       int b = Integer.parseInt(a);
```

```java
            return b;
        }

    catch (NumberFormatException m) {
        System.out.println ("Sorry only
        numbers");
    }
    return 1;
}

void showResult(int a,int
   b){ try{
        int result=a/b;
        System.out.println ("Result : "+result);
            }
    catch(ArithmeticException e){
     System.out.println ("Sorry number divide by 0 is not possible");

 }


    }
}
```