EXPERIMENT-8(JAVA)

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COURSE-BCA

SEC-4A

Q) CREATE USER-DEFINED CLASS WHICH WILL PROVIDE TWO METHODS .SET DATA-TO GET TWO NUMBERS FROM USER.SHOW RESULT-TO CALCULATE THE DIVISION OF ENTERED NUMBERS ALSO MAKE SURE YOU ARE HANDLING THE ARITHEMATIC EXCEPTION & NUMBER FORMAT EXCEPTION.

```
importjava.lang.*;
importjava.io.*;
importjava.util.Scanner;
publicclasssa
{
publicstaticintshowresult(intaa)
throwsArithmeticException
{
intresult=12/aa;
returnresult;
}
publicstaticvoidsetdata(Stringinput)
{
intvalue=0;
try
{
value=Integer.parseInt(input);
}
catch(NumberFormatExceptionaaaaaa)
{
```

```
System.out.println("BadInputData!!");
return;
}
try
{
System.out.println("Resultis:"+showresult(value));
}
catch(ArithmeticExceptionaaaaaa)
{
System.out.println("Divisionbyzero!!");
}
}
publicstaticvoidmain(String[]a)
{
Scannerscan=newScanner(System.in);
String inData;
System.out.print("Enterthedivisor:");
inData=scan.next();
setdata(inData);
}
}
```