

Implement a program on Exception Handling

```
import java.io.*;
class ExceptHandling
{
    public static void main(String args[])
    {
        int a=0,b=0,result;
        BufferedReader br = new BufferedReader(new
        InputStreamReader(System.in));
        String str;
        System.out.println("Enter two numbers: ");
        try
        {
            str=br.readLine();
            a=Integer.parseInt(str);
            str=br.readLine();
            b=Integer.parseInt(str);
            result = a/b;
            System.out.println("The Quotient= "+result);
        }
        catch(ArithmeticException ae)
        {
            System.out.println("Exception has occurred. You have entered the
            divisor as zero [0]");
        }
        catch(IOException ioe)
        {
            System.out.println("IOException occurred");
        }
        catch(NumberFormatException ne)
        {
            System.out.println("Invalid Number");
        }
    }
}
```

OUTPUT

```
C:\Users\User.DESKTOP-VK0H6B7\Documents\Java Projects>javac ExceptHandling.java
```

```
C:\Users\User.DESKTOP-VK0H6B7\Documents\Java Projects>java ExceptHandling.java
```

```
Enter two numbers:
```

```
10
```

```
2
```

```
The Quotient= 5
```

```
C:\Users\User.DESKTOP-VK0H6B7\Documents\Java Projects>java ExceptHandling.java
```

```
Enter two numbers:
```

```
-19
```

```
0
```

```
Exception has occurred. You have entered the divisor as zero [0]
```

```
C:\Users\User.DESKTOP-VK0H6B7\Documents\Java Projects>java ExceptHandling.java
```

```
Enter two numbers:
```

```
10.5
```

```
Invalid Number
```