

Java Lab – July 10,2023

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Question 01

```
package com.mycompany.exceptionhandling;
```

```
import java.util.Scanner;
```

```
public class Exceptionhandling {
```

```
    public static void main(String[] args) {
```

```
        int num1,num2,ans;
```

```
        Scanner sc=new Scanner(System.in);
```

```
        try
```

```
        {
```

```
            System.out.println("Enter first number");
```

```
            num1=sc.nextInt();
```

```
            System.out.println("Enter secong number");
```

```
            num2=sc.nextInt();
```

```
            ans=num1/num2;
```

```
            System.out.println("Answer is" +ans);
```

```
        }
```

```
        catch (Exception e)
```

```
        {
```

```
            System.out.println("Number devid by zero error");
```

```
        }
```

```
}  
}
```

Question 02

```
package com.mycompany.quection2;
```

```
public class Qnection2 {
```

```
    public static void main(String[] args) {
```

```
        int[]array={1,2,3,4,5};
```

```
        try
```

```
        {
```

```
            int value=array[10];
```

```
            System.out.println("value:" +value);
```

```
        }
```

```
        catch(ArrayIndexOutOfBoundsException e)
```

```
        {
```

```
            System.out.println("Error: invailid index accsed");
```

```
        }
```

```
    }
```

```
}
```

Question 03

```
package com.mycompany.question3;

import java.io.File;
import java.io.FileNotFoundException;
import java.util.Scanner;

public class Fileexception;

public class Question3 {

    public static void main(String[] args) {
        String fileName="nonexcestring_file.txt";
        try
        {
            File file=new File(fileName);
            Scanner scanner= new Scanner(file);

            scanner.close();

        }
        catch(FileNotFoundException e)
        {
            System.out.println("error: File Not Fond");
        }

    }
}
```