Exception handling

Q1.

```
import java.util.Scanner;
public class Exceptionhandling {
public static void main(String[] args) {
      int no1,no2,answer;
      Scanner sc=new Scanner(System.in);
      try
      {
         System.out.println("Enter First number ");
         no1=sc.nextInt();
         System.out.println("Enter Second number ");
         no2=sc.nextInt();
         answer=no1/no2;
         System.out.println("Answer is "+answer);
       }

      catch(ArithmeticException e)
      {
         System.out.println("Number divide by zero error");
      }
   }
}
```

Q2.

```
import java.util.Scanner;
public class Exceptionhandling {

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

```
        int Array[]={1,2,3,4,5},index;
        Scanner sc=new Scanner(System.in);

        try
        {
           System.out.println("Enter index number: ");
           index=sc.nextInt();
           System.out.println("Index value: "+Array[index]);
        }
        catch(ArrayIndexOutOfBoundsException e)
        {
           System.out.println("Array index error");
        }

    }
}
```

Q3.

```
import java.util.Scanner;
public class Exceptionhandling {

    public static void main(String[] args) {
        try
        {
          File file=new File("C:\\Users\\MENAKA 2\\OneDrive\\Desktop\\Test.txt") ;
          Scanner scanner=new Scanner(file);
          while(scanner.hasNextLine())
          {
           String line =scanner.nextLine();
          System.out.println(line);
          }
```

```
        scanner.close();
      }
      catch(FileNotFoundException e)
      {
         System.out.println("Error:File not found");
      }
    }
}
```