

## 2023.07.13 Lab Sheet

### Question 1

### Question 2

```
package com.mycompany.lab;

public class Lab {

    public static void main(String[] args)
    {
        int[] numbers={1,2,3,4,5};

        try
        {
            int value = numbers [10];

            System.out.println("value"+value);
        }
        catch (Exception.e)
        {
            System.out.println("Error:Array index is out of bounds");
        }
    }
}
```

### Question 3

```
package com.mycompany.lab;

public class Lab {

    public static void main(String[] args)

    {

        try

        {

            //file (c:\\User\\nsbm\\Documents\\Net BeansProject\\javaException)

            File file=new File("newfile1.txt");

            Scanner scanner = new Scanner(file);

            while(scanner.hasNextLine())

            {

                String line =scanner.nextLine();

                System.out.println(line);

            }

            scanner.close();

        }

        catch (Exception e)

        {

            System.out.println("Error:File not found.\n"+e);

        }

    }

}
```