1. Input number: [2,3,4,1,5,7,6] Sum of the index is 8 then print the value of that index

```java
package demo;

public class Target {

    public static void main(String[] args) {
        int values[]= {2,3,4,1,5,7,6};
        int target =8;
        int l=values.length;
        for(int i=0;i<l;++i) {
            for(int j=i+1;j<l;++j) {
                if(values[i]+values[j]==target) {
                    System.out.print("["+values[i]
+","+values[j]+"]");
                }
            }
        }

    }

}
```

Output:

[2,6][3,5][1,7]

3.Write a program for create new Folder in that create new file ,rename the file and delete the file .

```java
package file;

import java.io.File;
import java.io.IOException;
public class Filess {
```

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

        File file = new
File("C:\\Users\\admin\\Desktop\\ilakkiya\\vicky\\dowhile.pdf");
        boolean present = file.exists();
        System.out.println(present);
         if(present==false) {
             file.mkdirs();
             boolean ss = file.exists();
             System.out.println(ss);
          }

        File files = new File("C:\\Users\\admin\\Desktop\\keerathana");
        files.createNewFile();
        File rename = new
File("C:\\Users\\admin\\Desktop\\dharshan");
        boolean sa = files.renameTo(rename);
        System.out.println(sa);
        rename.delete();
        boolean aa = file.exists();
        System.out.println("file deleted "+ aa);

        }

}
```
Output:

true
true
file deleted true

2.To Get NULLPOINTER EXCEPTION IN HASHMAP CONCEPT.

```java
package demo;
import java.util.*;
public class Pointer {
```

```java
public static void main(String[] args) {
    HashMap<String, String> map = new HashMap<>();

    String value = map.get("nonExistentKey");

    System.out.println(value.length());
    }
}
```

Output:

Exception in thread "main" java.lang.NullPointerException: Cannot invoke "String.length()" because "value" is null
      at demo/demo.Pointer.main(Pointer.java:10)