1)

```java
import.java.util.*;

class ExeptHandling
{
    Void array ()throws IndexOutofBoundsExeption
    {
        int[] a = new int [100] ;
        int i;
        Scanner sc = new Scanner (System.in);
        Ramdom v = new Random();
        for (i=0; i<100; i++)
        {
            a[i] = v.nextInt() ;
        }
        System.out.println ("enter the index number")
        int x = sc.nextInt()
        System.out.println ("The number is" + a[x]);
    }
}
```

```
public static void main ( String args [ ] )
{
    ExceptHandling obj = new ExeptHandling ();
    try
    {
        obj . array ();
    }
    catch ( Exception e )
    {
        System . out . printin ( "out of bounds" + e )
    }
}
```

2)
```
class CheckArgument extends Exception {
}
class ExTest
{
    public static void main ( String args [ ] )
    {
        int i, j;
        int sum = 0;
        int s[ ] = new int [5];
```

```java
try
{
    if (args.length <5)
    {
        Throw new check Argument ();
    }
    else if (args.length >5)
    {
        Throw new check Argument ();
    }
    else
    {
        for (i=0; i<5; i++)
        {
            S[i] = integer.parseInt (args[i]);
        }
    }
    for (i=0; i<5; i++)
    {
        sum = Sum + S[i];
    }
    System.out.println ("The sum is : " + sum);
}
catch (check Argument m)
{
    System.out.println ("Enter 5 no's");
}
}
```