

## Unit -6 LAB

**6.1 Write a program for example of try and catch block. In this check whether the given array size is negative or not.**

*//Ex - 6.1*

```
class NegTest
{
    public static void main(String a[])
    {
        try
        {
            int a1[] = new int[-2];
            System.out.println("first element : "+a1[0]);
        }
        catch(NegativeArraySizeException n)
        {
            System.out.println(" generated exception : " + n);
        }
        System.out.println("After the try block");
    }
}
```

**6.2 Write a program to describe usage of throws clause.**

*//Ex - 6.2*

```
class ThrowsException
{
    public static void main(String a[]) throws ArithmeticException
    {
        System.out.println("Inside main");
        int I = 0;
        int j = 40/I;
        System.out.println("this statement is not printed");
    }
}
```

```
/* Output of this program is
 * inside main
 * java.lang.ArithmeticException: / by Zero
 * at ThrowsException.main(ThrowsException.java:5) */
```