

```
// Name: Yashas Ravi
```

```
//File I/O
```

```
//
```

```
import java.io.File;
```

```
import java.io.FileNotFoundException;
```

```
import java.io.PrintWriter;
```

```
import java.util.Scanner;
```

```
public class Fileinput {
```

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

```
        int num;
```

```
        Scanner reader = new Scanner (new File("/Users/2044875/Desktop/InputData.txt"));
```

```
        PrintWriter writer = new PrintWriter
```

```
            (new File("/Users/2044875/Desktop/Output.txt"));
```

```
        // reads until EOF
```

```
        while (reader.hasNext () ) {
```

```
            num = reader.nextInt();
```

```
        if (num > 0) {
```

```
            for (int k = 0; k < num; k++) {
```

```
                writer.print ("*");
```

```
            }
```

```
        }
```

```
        if (num == 0) {
```

```
            writer.println ();
```

```
        }
```

```
        if (num < 0) {
```

```
            for (int k = 0; k > num; k--) {
```

```
                writer.print (" ");
```

```
            }
```

```
        }
```

```
    }
```

```
    writer.close();
```

$$\left. \begin{array}{l} \{ \\ \{ \end{array} \right\}$$

Output.txt

```

      *           *       *****
    *             *       *         *
   *             *       *           *
     *          *       *             *
      *        *       *               *
       *       *       *               *
        *      *       *               *
         *     *       *               *
          *    *       *               *
           *   *       *               *
            *  *       *               *
             * *       *               *
              **      *               *
               ***     *               *
                ****    *               *
                 *****

```