

Lab2 Project

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CSC615

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Lab2 2

Overview:

IDE: vim, eclipse
Date: May 7th 2009
Compiler: SUN JDK 6.0 Linux 64bit (1.6)
Ant Makefile: build.xml
Project URL: http://github.com/tanxin/xin_csc615

Get SourceCode:

From Git (newest version):

```
tanxin@laptop ~/.workspace-java/csc615 $ git clone git://github.com/tanxin/xin_overlay.git
```

Compile:

```
tanxin@laptop ~/.workspace-java/csc615 $ ant lab2
Buildfile: build.xml

init:
[mkdir] Created dir: /home/tanxin/documents/school/nu/CSC615/project/build

compile:
[javac] Compiling 7 source files to /home/tanxin/documents/school/nu/CSC615/project/build

BUILD SUCCESSFUL
Total time: 1 second
```

Run:

```
tanxin@laptop ~/.workspace-java/csc615 $ java -cp build edu.nu.csc615.lab2.MainRunner
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Code List:

edu.nu.csc615.lab2.MainRunner.java

```
package edu.nu.csc615.lab2;

public class MainRunner {

    /* define lines */
    public final static int lines = 10;

    public static void main(String[] args) {

        /* loop lines */
        for (int line=1;line<=lines;line++){

            /* 1st triangle loop */
            for(int t1=0;t1<line;t1++)
                System.out.print("* ");

            /* 1st space loop */
            for(int s1=lines;s1>=line;s1--)
                System.out.print(" ");

            /* 2nd triangle */
            for(int t2=lines;t2>=line;t2--)
                System.out.print("* ");

            /* 2nd space */
            for(int s2=0;s2<line;s2++)
                System.out.print(" ");

            /* 3rd triangle */
            for(int t3=lines;t3>=line;t3--)
                System.out.print("* ");

            /* 3rd space */
            for(int s3=lines;s3>=line;s3--)
                System.out.print(" ");

            /* 4th triangle */
            for(int t4=0;t4<=line;t4++)
                System.out.print("* ");

            /* done */
            System.out.println("");

        }
    }
}
```