

CPTG 121 Lab #1

Write a C++ program for each of the following problems. Check out the format on how to submit your programs.

1. Write a C++ program to print out your name 10 times on the **same** line.
2. Write a C++ program to print out your name 10 times on **separate** lines.
3. Using the asterisk (*) character, print out a solid 5 x 5 square like this (it will not look square)

```
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

4. Using the asterisk (*) character, print out a hollow (i.e. just the outline) 5 x 5 square.

```
* * * * *
*       *
*       *
*       *
*       *
* * * * *
```

5. Using the asterisk (*) character, print out a triangle like this

```
*
* *
* * *
* * * *
* * * * *
```

6. Write a program to print out the sender and receiver names and addresses using the format like for an envelope.

John Doe
123 This Street
Riverside, CA 92505

Jane Doe
456 That Street
Riverside, CA 92505

7. Write a program to print out a stick-man figure like below using the characters 0, / \, |. Hint: you need to use the escape character \ to print out the back slash \.

```
  0
 / | \
/   \
```

8. Write a program to print out the famous words by President Lincoln INCLUDING the opening and closing double-quotes. Hint: you need to use the escape character \ to print out the double quote.

“Four score and seven years ago our fathers brought forth on this continent, a new nation,
conceived in Liberty”