

# Unit #1: Introduction

## Lab 1.1: Hangman

### Directions

Create a game of Hangman in C++. This should include at least an ascii art drawing of the game, but could include some other visual aspect.

### Test Run

```
Enter the word you'd like to be guessed: common
```

```
_____
```

```
Guess a letter: c
```

```
The letter you guessed is in the word!
```

```
c_____
```

```
Guess a letter: t
```

```
The letter you guessed is not in the word.
```

```
c_____
```

```
| _____
```

```
Guess a letter: e
```

```
The letter you guessed is not in the word.
```

```
c_____
```

```
—
```

```
|
```

```
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```

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```

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```
|
```

```
| _____
```

```
Guess a letter: r
```

The letter you guessed is not in the word.

c\_\_\_\_\_

```

|_____|
|
|
|
|
|
|
|_____|

```

Guess a letter:

n

The letter you guessed is in the word!

c\_\_\_\_n

```

|_____|
|
|
|
|
|
|
|_____|

```

Guess a letter: i

The letter you guessed is not in the word.

c\_\_\_\_n

```

|_____|
|               |
|               0
|
|
|
|
|_____|

```

Guess a letter: l

The letter you guessed is not in the word.

c\_\_\_\_n

```

|_____|
|               |
|               0
|               |
|
|
|
|_____|

```

Guess a letter: m

The letter you guessed is in the word!

c\_mm\_n

```

|_____|
|               |
|               0
|               |
|
|
|
|_____|

```

Guess a letter: w

```

The letter you guessed is not in the word.
c_mm_n
|_____|
|           |
|           O
|          /|
|
|
|
|_____|
Guess a letter: r
You already guessed that letter, guess again: e
You already guessed that letter, guess again: w
You already guessed that letter, guess again: t
You already guessed that letter, guess again: y
The letter you guessed is not in the word.
c_mm_n
|_____|
|           |
|           O
|          /|\
|
|
|
|_____|
Guess a letter: i
You already guessed that letter, guess again: u
The letter you guessed is not in the word.
c_mm_n
|_____|
|           |
|           O
|          /|\
|           /
|
|
|
|_____|
Guess a letter: q
The letter you guessed is not in the word.
c_mm_n
|_____|
|           |
|           O
|          /|\
|          / \
|
|
|
|_____|
Guess a letter: o
The letter you guessed is in the word!
You won!

```

**Criteria for Success:** 10 points

Have a game **without compilation or runtime errors** that **plays hangman** with visuals!

Remember comments and a header in your file.