CS 225

Data Structures
Introduction

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**Academic Interests**: data discovery/visualization, systems programming, education worth sharing, and magic fairy dust

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**Academic Interests**: 

Course Staff:

You:
Everything about CS 225

https://courses.engr.illinois.edu/cs225/fa2017/

Information on:
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- Communications
- Lab Sections
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What is this course about?
Variables in C++

```cpp
int myFavoriteInt;

char grade = 'A';

double gamma = 0.653;

Cat fiona, mia;

Cube rubix;

Person wade;
```
Encapsulation
Encapsulation

sphere.h

sphere.cpp
#ifndef SPHERE_H
#define SPHERE_H

class Sphere {
    public:

    private:

};

#endif
```cpp
#include "sphere.h"

class Sphere {
public:
    double getRadius();
};

double Sphere::getRadius() {
}
```