

You're writing a program that stores representations of instructors and students for a university. Define abstractions of these entities for this program as class definitions.

Student
~~int~~ int uid;
vector<courses> taken;
~~std::string~~ std::string name
int gpa-uid;
int gpa-fraction;

instructor
~~int~~ int uid;
vector<courses> taught;
~~std::string~~ std::string name

** Please make sure you review the slide pdfs (from the course website), even if we didn't use them in class!

-- MRN

```

class Person {
public:

```

```

private:

```

```

    std::string name;
    int id

```

```

};

```

```

Student : public Person {
public:

```

```

    private:
        double gpa;

```

```

};

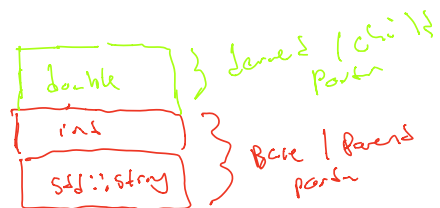
```



```

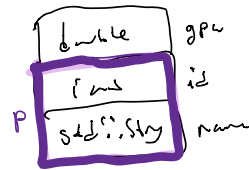
Student S;

```



* Shouldn't store
gpa as double,
why?

Student s;
Person p(s);



Student s;
Person p(s); // gpa

