CS62: Fall 2026 | Quiz #1

Name: _____ *Score:* _____

1. Given the following class definition

```
public class Student {
	private String name;
	private String[] classes;
	private int currentClass = 0;

	public Student( String name, int numClasses ) {
		this.name = name;
		classes = new String[numClasses];
	}

	public void addClass(String class){
		if( currentClass < classes.length ){
			classes[currentClass] = class;
			currentClass++;
		}
	}

	public String toString() {
		return name + " is taking " + currentClass + " classes";
	}
}
```

What would be printed out if we ran the following code (or state that an error would occur)?

i.
```
Student s = new Student("Dave", 4);
s.addClass("cs62");
System.out.println(s);
```

ii.
```
Student s = new Student("Dave");
s.addClass("cs50");
s.addClass("cs51");
System.out.println(s);
```

iii.
```
Student s = new Student("Dave", 2);
s.addClass("cs51");
s.addClass("cs54");
s.addClass("cs62");
System.out.println(s);
```

2. The following code contains one syntax error per line. Correct them:

i. `String name = "Dr. Dave"`

ii. `static int number of cats = 2;`

iii. `favoriteCat = "Leo";`

iv. `boolean hasPets = True;`

v. `System.out.println('I love my pet ' + name);`