

CSE 331: Software Design & Implementation

Section 3 – ADTs

Write two different representations for the Rectangle ADT in the starter code below, including valid `checkReps` for each representation. Hint: use `assert <condition>;` to check for valid representations in `checkRep()` methods and terminate if the `<condition>` is false.

Write your class specification below

```
/*
```

```
*/
```

```
public class Rectangle {
```

```
    Your fields for your representation go below
```

```
    // Throws assertion error if representation is
```

```
    // currently invalid, otherwise executes with no errors
```

```
    private void checkRep() {
```

```
    }
```

```
}
```

Write your class specification below
/*

*/
public class Rectangle {
 Your fields for your representation go below

 // Throws assertion error if representation is
 // currently invalid, otherwise executes with no errors
 private void checkRep() {

 }

}