

CS 101 (Fall '05) Exam 1 Grading Guidelines

Question 1: 2 points
All or nothing

Question 2: 2 points
1 point for each column

Questions 3-8: 3 points
-2 for type error
-1 for math error
-2 for associativity error
-1 for forgetting the .0 for a float/double

Question 9: 4 points
We are just looking for 'public static void main (String[] args)'
-1 if [] are omitted
-2 points for each part omitted

Question 10: 3 points
No penalty if it's float rather than double
-1 for no final
-1 for no caps
-1 for underscores
-2 for no float or double

Question 11: 3 points
No penalty if it's a long, byte, or short
-1 for no semicolon
-2 for improper name
-1 for making it a final variable with proper use of constant naming

Question 12: 3 points
-3 if they say it causes an error
-1 for pointers used
-1 for incorrect numbers

Question 13: 3 points
-3 if they say it causes an error
-1 for pointers used
-1 for incorrect numbers

Question 14: 3 points
-3 if they say it DOESN'T cause an error

Question 15: 3 points
-3 if they say it DOESN'T cause an error

Question 16: 3 points
-3 if they use Scanner.create()

CS 101 (Fall '05) Exam 1 Grading Guidelines

-1 if no semicolon

Question 17: 4 points

2 points for the prompt, 2 points for the `stdin.nextInt()`

-2 if `nextLine()` or `nextDouble()`

-1 no semicolon

-1 no `()`

-2 for prompt after `nextInt()`

Question 18: 3 points

1 point for the comment

2 points for the `'//'`

`/* ... */` is also acceptable

Question 19: 6 points

Question 20: 10 points

2 points for each part (no more than 10 points off if they get them all wrong)

-1 for miscount of 1 by 1

-2 for putting nothing

Question 21: 10 points

There are 10 “spots” declared in memory: 4 references, 4 objects, and 2 variables

1 point for each spot declared – if there is an error, then no points for that (i.e. if they give a value to `y`).

Note that we screwed up on the question (the second Rectangle should have been ‘u’, not ‘s’), so any confusion resulting from this was not be penalized (i.e. if the second Rectangle points to the first String)

-2 for each part that was incorrect

Question 22: 20 points

Note that we don’t care about comments, headers, etc.

No points off if they forget the period after the middle initial

-5 if not in a class and/or `main()` method (class doesn’t have to be public)

-3 for no `'import java.util.*;'`

-2 for each semi-colon missed

-2 for each poor variable name (but not more than -4, and not more than -2 for the same misnaming)

-4 for not creating the Scanner object correctly

-1 for each wrong prompt or incorrect `stdin.next()` call

-4 for messing up the `substring()` (they can use `charAt()` as well), but only if its egregious.

Simple mistakes get -2 or -3.

-4 for not arranging the name correctly (can be done in the `print()` statement)

-3 for not printing the name correctly

-2 for not declaring variables

-2 for missing braces (but not more than -2 total for each of braces, semicolons)