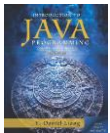




IClicker 11

Methods and Parameters



What can you infer about the data types of the formal parameters of *someMethod* ?

```
someMethod('c', 123, (float)2.5, "Hello", false, 123456789456L);
```

Parameters seem to be char, int, float, String, boolean, long.

- A. First parameter may be int, long, float, double instead.
- B. Second parameter may be long, float, double instead.
- C. Third parameter may be a double instead of a float.
- D. Last parameter may actually be a float or double!
- E. All of the above

Formal Parameters



cs163/164: Peer 5 - Methods and Parameters - Fall Semester 2016

Question - 1





What can you infer about the data types of the formal parameters of *someMethod* ?

`someMethod('c', 123, (float)2.5, "Hello", false, 123456789456L);`

Parameters seem to be char, int, float, String, boolean, long.

- A. First parameter may be int, long, float, double instead.
- B. Second parameter may be long, float, double instead.
- C. Third parameter may be a double instead of a float.
- D. Last parameter may actually be a float or double!
- E. All of the above

Formal Parameters



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Question - 2

CS163

CS164



Which statement is a valid invocation of a method with and int and float parameter?

- A. `myMethod(int i = 12, float f = 2.3);`
- B. `myMethod((int) 12, (float) 2.3f);`
- C. `myMethod(int i, float f);`
- D. `myMethod(int, float);`
- E. `myMethod(12.0, 2.3f);`

Actual Parameters



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Question - 3

CS163

CS164



Which statement is a valid invocation of a method with and int and float parameter?

- A. `myMethod(int i = 12, float f = 2.3);`
- B. `myMethod((int) 12, (float) 2.3f);`
- C. `myMethod(int i, float f);`
- D. `myMethod(int, float);`
- E. `myMethod(12.0, 2.3f);`

Actual Parameters



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Question - 4

CS163

CS164



Which line of code uses the integer return value from the method correctly?

- A. `System.out.println(calculateInteger());`
- B. `int myInteger = calculateInteger();`
- C. `double myDouble = (5.0 * calculateInteger()) / 0.12345;`
- D. `double myDouble = Math.max(calculateInteger(), 1234);`
- E. All of the above

Return Values



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Question - 5

CS163

CS164



Which line of code uses the integer return value from the method correctly?

- A. `System.out.println(calculateInteger());`
- B. `int myInteger = calculateInteger();`
- C. `double myDouble = (5.0 * calculateInteger()) / 0.12345;`
- D. `double myDouble = Math.max(calculateInteger(), 1234);`
- E. All of the above

Return Values



cs163/164: Peer 5 - Methods and Parameters - Fall Semester 2016

Question - 6

CS163

CS164