



## CodeCrunch

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## View Submission Grading Details

**Username:** e0417562      **Submission ID:** 1739957      **Date Submitted:** 14 Oct 2019 20:35:00  
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**Grade:** E      **Test Cases:** 2/6 correct      **Task Name:** [CS2030 Lab #7](#)  
**Marks:** 33 (/100)      **Course Name:** [CS2030 - Programming Methodology II](#)

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## Test Output:

## TEST RUN ERRORS

Fail Test Case: test3

Runtime exception / error detected.

Expected output vs your output:

Expected Output	Your Output
1 jshell> new Customer(10.0, 1)	1 jshell> new Customer(10.0, 1
2 ==> 1	2 Error:
	3   cannot find symbol
	4   symbol: class Customer
	5   new Customer(10.0, 1)
	6   ^-----^
3 jshell> new Customer(11.0, 1)	7 jshell> new Customer(11.0, 1
4 ==> 1	8 Error:
	9   cannot find symbol
	10   symbol: class Customer
	11   new Customer(11.0, 1)
	12   ^-----^
5 jshell> new Customer(12.0, 2)	13 jshell> new Customer(12.0, 2
6 ==> 2	14 Error:
	15   cannot find symbol
	16   symbol: class Customer
	17   new Customer(12.0, 2)
	18   ^-----^
7 jshell> new Customer(12.0, 2).timeWaited(15.0)	19 jshell> new Customer(12.0, 2

8	==> 3.0	20	Error:
		21	cannot find symbol
		22	symbol: class Customer
		23	new Customer(12.0, 2).time
		24	^-----^
9	jshell> Server s1 = new Server(1);	25	jshell> Server s1 = new Server
		26	Error:
		27	cannot find symbol
		28	symbol: class Server
		29	Server s1 = new Server(1)
		30	^----^
		31	Error:
		32	cannot find symbol
		33	symbol: class Server
		34	Server s1 = new Server(1)
		35	^----^
10	jshell> s1.hasWaitingCustomer()	36	jshell> s1.hasWaitingCustomer
11	==> false	37	Error:
		38	cannot find symbol
		39	symbol: variable s1
		40	s1.hasWaitingCustomer()
		41	^^
12	jshell> s1.getWaitingCustomer()	42	jshell> s1.getWaitingCustomer
13	==> Optional.empty	43	Error:
		44	cannot find symbol
		45	symbol: variable s1
		46	s1.getWaitingCustomer()
		47	^^
14	jshell> s1.isIdle()	48	jshell> s1.isIdle()
15	==> true	49	Error:
		50	cannot find symbol
		51	symbol: variable s1
		52	s1.isIdle()
		53	^^
16	jshell> Server s2 = s1.serve(new Customer(1.0, 1));	54	jshell> Server s2 = s1.serve
		55	Error:
		56	cannot find symbol
		57	symbol: class Server
		58	Server s2 = s1.serve(new C
		59	^----^
		60	Error:
		61	cannot find symbol
		62	symbol: class Customer
		63	Server s2 = s1.serve(new C
		64	
		65	Error:
		66	cannot find symbol
		67	symbol: variable s1
		68	Server s2 = s1.serve(new C
		69	^^
17	jshell> s1.isIdle()	70	jshell> s1.isIdle()
18	==> true	71	Error:
		72	cannot find symbol

	13   symbol: variable s1
	74   s1.isIdle()
	75   ^^
19 jshell> s2.isIdle()	76 jshell> s2.isIdle()
20 ==> false	77   Error:
	78   cannot find symbol
	79   symbol: variable s2
	80   s2.isIdle()
	81   ^^
21 jshell> Server s3 = s2.askToWait(new Customer(2.0, 2));	82 jshell> Server s3 = s2.askToWait(new Customer(2.0, 2));
22 jshell> s2.hasWaitingCustomer()	83   Error:
23 ==> false	84   cannot find symbol
24 jshell> s2.getWaitingCustomer()	85   symbol: class Server
25 ==> Optional.empty	86   Server s3 = s2.askToWait(new Customer(2.0, 2));
26 jshell> s3.hasWaitingCustomer()	87   ^----^
27 ==> true	88   Error:
28 jshell> s3.getWaitingCustomer()	89   cannot find symbol
29 ==> Optional[2]	90   symbol: class Customer
30 jshell> Server s4 = s3.makeIdle();	91   Server s3 = s2.askToWait(new Customer(2.0, 2));
31	
32 jshell> s3.isIdle()	
33 ==> false	
34 jshell> s4.isIdle()	
35 ==> true	
36 jshell> Server s5 = s4.serve(new Customer(2.0, 2));	
37 jshell> s4.hasWaitingCustomer()	
38 ==> true	
39 jshell> s4.getWaitingCustomer()	
40 ==> Optional[2]	
41 jshell> s4.isIdle()	
42 ==> true	
43 jshell> s5.hasWaitingCustomer()	
44 ==> false	
45 jshell> s5.getWaitingCustomer()	
46 ==> Optional.empty	
47 jshell> s5.isIdle()	
48 ==> false	
49 jshell> /exit	

**Fail Test Case:** test4

**Incorrect Output**

Expected output vs your output:

Expected Output	Your Output
1 jshell> Shop shop1 = new Shop(10);	
2 jshell> shop1.find(server -> server.equals(new Server(1)))	
3 ==> Optional[1]	
4 jshell> shop1.find(server -> server.isIdle())	
5 ==> Optional[1]	
6 jshell> shop1.find(server -> !server.isIdle())	
7 ==> Optional.empty	
8 jshell> shop1.replace(new Server(1).serve(new Customer(1, 1))).find(server -> server.isIdle())	

```
SERVER_ISDIO(,)
```

```
9 ==> Optional[2]
```

```
10 jshell> /exit
```

**Fail Test Case:** test5

Incorrect Output

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