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Test Name:	**CSYE7200-For Comprehension**
Taken On:	12 Feb 2018 13:01:22 EST
Time Taken:	19 min 42 sec/ 20 min
Invited by:	Robin
Invited on:	12 Feb 2018 12:51:52 EST
Tags Score:	

100%
50/50

scored in **CSYE7200-For Comprehension** in 19 min 42 sec on 12 Feb 2018 13:01:22 EST

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	**For Comprehension** > **Coding**	19 min 35 sec	50/ 50	⊘

QUESTION 1

✓

Correct Answer

Score 50

For Comprehension › Coding

Write a for comprehension, return a List of Int with all number doubled.
The input will be a list of String Separate by , (You can assume that there is no , in any String and the double of the number is still in range of Integer)

Example:
Input: 2,a,5,?
Output: 4 10
Explain: the only number here is 2 and 5, so we return a List of 2*2 and 5*2 which is 4 10

Only one for comprehension is needed to achieve this. If you don't know how to write a for comprehension, write whatever implementation that gets the job done is better than leave it blank(also true in your exams).
The input and output are already handled, the input for your solution method is a list of String named l , and return is a List of Int.

CANDIDATE ANSWER

Language used: **Scala**

```scala
1     //def toOptInt(s:String) = Try(s.toInt)
2     for(x <- l;
3       if(Try(x.toInt).toOption!=None))yield (x.toInt)*2
4
5
6
7     //Write a for comprehension, return a List of Int with number doubled, only one for
8 comprehension is needed for achieve this.
9     //Your solution goes here, the method is already defined, just write your
10 implementation.
11
        //If you finish it fast, think about how to write it in map and flapMap way.
```

TESTCASE	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Easy	✓ Success	10	1.77 sec	3.32 MB
Testcase 1	Easy	✓ Success	10	1.79 sec	3.38 MB
Testcase 2	Easy	✓ Success	10	1.74 sec	3.3 MB
Testcase 3	Easy	✓ Success	10	1.76 sec	3.31 MB
Testcase 4	Easy	✓ Success	10	1.77 sec	3.3 MB

No Comments