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Test Name:	**CSYE7200-Tail Recursion**
Taken On:	5 Feb 2018 13:24:02 EST
Time Taken:	12 min 6 sec/ 20 min
Work Experience:	3 years
Invited by:	Robin
Invited on:	5 Feb 2018 13:13:16 EST
Tags Score:	

100%
50/50

scored in **CSYE7200-Tail Recursion** in 12 min 6 sec on 5 Feb 2018 13:24:02 EST

Recruiter/Team Comments:

No Comments.

Question Description	Time Taken	Score	Status
Q1 **Tail recursion with pattern match** > **Coding**	11 min 53 sec	50/ 50	✓

QUESTION 1

✓

Correct Answer

Score 50

Tail recursion with pattern match › Coding

QUESTION DESCRIPTION

Write a tailrec with pattern match to calculate sum of a list from 1 to n
The signature of tailrec method is
def mySum(l:List[BigInt],s:BigInt = 0):BigInt
l represent input list, s represent the sum

Example:
Input: 3
Output: 6
Explain: 1 + 2 + 3 = 6

CANDIDATE ANSWER

Language used: **Scala**

```scala
    //Your answer goes here, the method is already defined for you, just write the
implementation.
  l match {
case Nil => s
    case h :: t => mySum(t,s+h)}
```

TESTCASE	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Easy	✓ Success	10	1.8 sec	3.32 MB
Testcase 1	Easy	✓ Success	10	1.87 sec	3.38 MB
Testcase 2	Easy	✓ Success	10	1.79 sec	3.32 MB
Testcase 3	Medium	✓ Success	20	5.56 sec	3.31 MB

No Comments