



## Question - 1

SCORE: 50 points

## Tail recursion with pattern match

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:  $1 + 2 + 3 = 6$