1. Program

1

Attempted: 1/1

Question 1

Revisit Later

How to Attempt?

Even OR Odd Digits' Sum:
In mathematics, the "digit sum" of a given integer is the sum of all its digits, e.g.
the digit sum of 84001 is calculated as 8+4+0+0+1 = 13,
the digit sum of 158 is 1+5+8 = 14.

Rohan's teacher has asked him to write a function (method) that takes as input a positive number and performs digitSum of either only the even digits or only the odd digits in the given number, based on the option "even" or "odd".
The function will take two input parameters -
- the first parameter will be an integer number representing the number whose digitSum needs to be found
- the second parameter will be a string representing the option, which will be either "even" or "odd"

Example 1: If the given number is 9625, and the option is "odd", we must add only the odd digits, i.e. 9+5 = 14
Example 2: If the given number is 2134, and the option is "even", we must add only the even digits, i.e. 2+4 = 6

- Corner 1
- Necessary 2
- Corner 2
- Necessary 1
- Basic 4
- Basic 3
- Basic 2
- Basic 1

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JAVA7 | Compiler: Java - 1.7

```
15                  int n=input1%10;
16                  if(n%2==0)
17                  sum+=n;
18                  input1/=10;
19              }
20          }
21          else
22          {
23              while(input1!=0)
24              {
25                  int n=input1%10;
26                  if(n%2!=0)
27                  sum+=n;
28                  input1/=10;
29              }
30          }
31      return sum;
32      }
33  }
```

Use Custom Input

Compile and Test | Submit Code