Calculating Protein Mass

PROBLEM:

Given:

A protein string P of length at most 1000 aminoacids.

Return:

The total weight of P.

HINT:

Use the monoisotopic mass of each amino acid provided as a python dictionary to solve this problem. **REMEMBER TO ADD THE MASS OF A WATER MOLECULE WHICH IS 18.02**

molecular_mass={"A": 71.07, "R":156.18, "N":114.08, "D":115.08, "C":103.10, "Q":128.13, "E":129.11, "G": 57.05, "H":137.14, "I":113.15, "L":113.15, "K":128.17, "M":131.19, "F":147.17, "P": 97.11, "S": 87.07, "T":101.10, "W":186.20, "Y":163.17, "V": 99.13}

Sample Dataset

```
SKADYEK
```

Sample Output

```
839.599999
```