

### Task 1

*Write a Python program to calculate the sum of all positive and negative integers in a given string.*

*'-100#^sdfkj8902w3ir021@swf-20'*

### Task 2

*You are given a sentence, and want to shift each letter by 2 in alphabet to create a secret code.*

*The sentence you want to encode is 'the lazy dog jumped over the quick brown fox' and the output should be*

*'vjg ncba fqi lworgf qxgt vjg swkem dtqyp hqz'*

### Task 3

Write a function that finds the shortest path with the given graph.

```
def find_shortest_path(graph, start, end):  
    ...
```

```
graph = {'A': ['B', 'C'],  
         'B': ['C', 'D'],  
         'C': ['D'],  
         'D': ['C'],  
         'E': ['F'],  
         'F': ['C']}
```

\* write unit tests for the tasks