מטלה 11 – שאלה 4

```
import statistics as st
def compute budget(total budget: float, citizen votes: list) -> list:
def f votes(size: int, t: float, c: float) -> float:
            return binary search (mid, high, citizen votes, total budget)
```

מטלה 11 – שאלה 4

```
def medians(citizen_votes: list, const_votes: list):
    all_medians = []
    for idx in range(len(citizen_votes[0])):
        current_median = const_votes.copy()
        for current_vote in citizen_votes:
            current_median.append(current_vote[idx])
        all_medians.append(st.median(current_median))
    return all_medians

if __name__ == '__main__':
    (failures, tests) = doctest.testmod(report=True)
    print("{} failures, {} tests".format(failures, tests))
```