

Python Programming

1. Describe two different modules for creating multithreaded programs in Python, pointing out the strengths and weaknesses of each and of threading as a whole in Python.
2. What does the following code print, and why?

```
def fn(v, lst=[]):  
    lst.insert(0,v)  
    print(lst)
```

```
fn(23)  
fn(16,[1, 2])  
fn([10], [3, 4])  
fn([11])
```

3. Write a python function which, when called with a list of integers, returns the sum of the squares of all even members of that list.