spectrometer.py

```python
def set_value(x):
    # set value to spectrometer

def read_data():
    pass
```

ui.py

```python
import spectrometer

class UI:
    def __init__(self):
        self.button.onclick = spectrometer.set_value
        self.output.text = spectrometer.read_data()
```

experiment.py

```python
import spectrometer

values = [1, 2, 5, 10, 1000]
outputs = []

for v in values:
    spectrometer.set_value(v)
    output.append(spectrometer.read_data())

with open('report.txt') as f:
    for out in output:
        f.write(out)
```