

Lab11.py

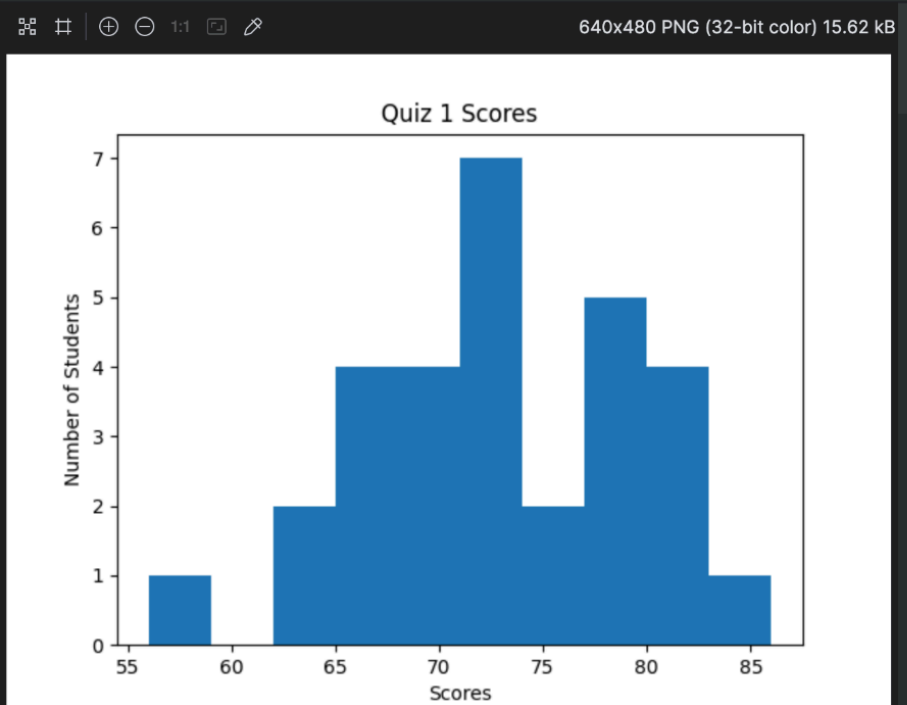
M14

Plots

Project

```
f9e63313-a921-4190-9070-443a0100340.txt
f9de19f1-c813-47ad-8ebe-54c92eea4664.txt
f9e1413f-e168-48c2-a0f9-7822ede8ffb1.txt
f30e93c5-5b0c-4ed0-baf7-70e65ba4fe3b.txt
f32b7ed7-a391-4bb0-a326-c4de37c8dfe0.txt
f57b86c7-4619-4155-aff3-9ba6055159f9.txt
f63ee1ae-4417-4d3d-b266-b317a2172612.txt
f705dd7c-a519-466e-83e1-5f0f6bb929cd.txt
f931de03-7914-4ccd-87c8-260c047f1bc0.txt
f3127d09-4d78-4db9-8743-9f03a1d117ed.txt
f9136bcf-6bc4-48b1-a88e-8c629ef99f89.txt
f97692e2-2309-4945-a2a7-11b6f6872993.txt
f129891b-f5f8-4919-b174-1d8b9400ada7.txt
f880310c-ed9b-414e-b01d-434e8c9901e6.txt
f1489175-8143-4439-8062-8d0ebff68453.txt
f7364578-fe9a-4aea-a5e7-11fb74a3e13e.txt
faf6f92e-e8d4-4190-a515-06f58b897f50.txt
faf70902-51b6-4c5d-8e37-cc69f4cad1d6.txt
fb1b8713-3561-4817-9ce6-7374b979ed10.txt
fbb7e179-89ad-4f35-996a-657746e07187.txt
fc4c5495-ef83-412c-9426-fce68de22f57.txt
fd6c5a79-3c95-4b57-bab7-4347e816eba6.txt
```

```
4 def main():
5     scores = []
6
7     plt.hist(scores)
8     plt.xlabel('Scores')
9     plt.ylabel('Number of Students')
10    plt.title('Quiz 1 Scores')
11    plt.show()
12
13    else:
14        print('Invalid selection')
15
16    else:
17        exit()
18
19
20 def get_assignment():
21     scores = []
22     for line in content:
23         id_num, assignment_name, score = line.split(',')
24         if assignment_name == 'Quiz 1':
25             scores.append(score)
26     return scores
27
28 def file_handling():
29     # print(os.listdir('data'))
30     content = []
31     for file in os.listdir('data'):
32         with open('data/' + file, 'r') as f:
33             content.append(f.read().splitlines())
34
35     return content
```



Run Lab11

```
"/Users/litzyrivero/PycharmProjects/grade calculations (lab 11)/.venv/bin/python" /Users/litzyrivero/PycharmProjects/grade calculations (lab 11)/Lab11.py
```

1. Student grade
2. Assignment statistics
3. Assignment graph

```
Enter your selection: 3
What is the assignment name: Quiz 1
```

```
Process finished with exit code 0
```