



student@uadmin:~/Desktop/13000124121_a10



```
student@uadmin:~/Desktop/13000124121_a10$ python3 a10_Question1.py
Do you want to see the total likes and updated blog posts? (yes/no): yes
Total Likes: 86
Updated Blog Posts:
{'Photos': 3, 'Likes': 21, 'Comments': 2}
{'Likes': 13, 'Comments': 2, 'Shares': 1}
{'Photos': 5, 'Likes': 33, 'Comments': 8, 'Shares': 3}
{'Comments': 4, 'Shares': 2, 'Likes': 0}
{'Photos': 8, 'Comments': 1, 'Shares': 1, 'Likes': 0}
{'Photos': 3, 'Likes': 19, 'Comments': 3}
student@uadmin:~/Desktop/13000124121_a10$ |
```

student@uadmin: ~/Desktop/13000124121_a10

student@uadmin:~/Desktop/13000124121_a10\$ python3 a10_Question2.py

Do you want to see the list of 5th letters? (yes/no): yes

Fifth letters: ['o', 'k', 'w', 't', 'n']

student@uadmin:~/Desktop/13000124121_a10\$ |

```
student@uadmin:~/Desktop/13000124121_a10$ python3 a10_Question3.py
Enter a formula: 10 + 5
Result: 15.0
student@uadmin:~/Desktop/13000124121_a10$ python3 a10_Question3.py
Enter a formula: 3 * 5
FormulaError: Operator must be '+' or '-'
student@uadmin:~/Desktop/13000124121_a10$ python3 a10_Question3.py
Enter a formula: 20 - 12
Result: 8.0
student@uadmin:~/Desktop/13000124121_a10$ |
```

```
student@uadmin:~/Desktop/13000124121_a10$
```

```
student@uadmin:~/Desktop/13000124121_a10$ python3 a10_Question4.py
```

```
Enter the file name: data.txt
```

```
File contents:
```

```
Shubhayu Gupta
```

```
Department-CSE
```

```
Section-C
```

```
student@uadmin:~/Desktop/13000124121_a10$ python3 a10_Question4.py
```

```
Enter the file name: test.txt
```

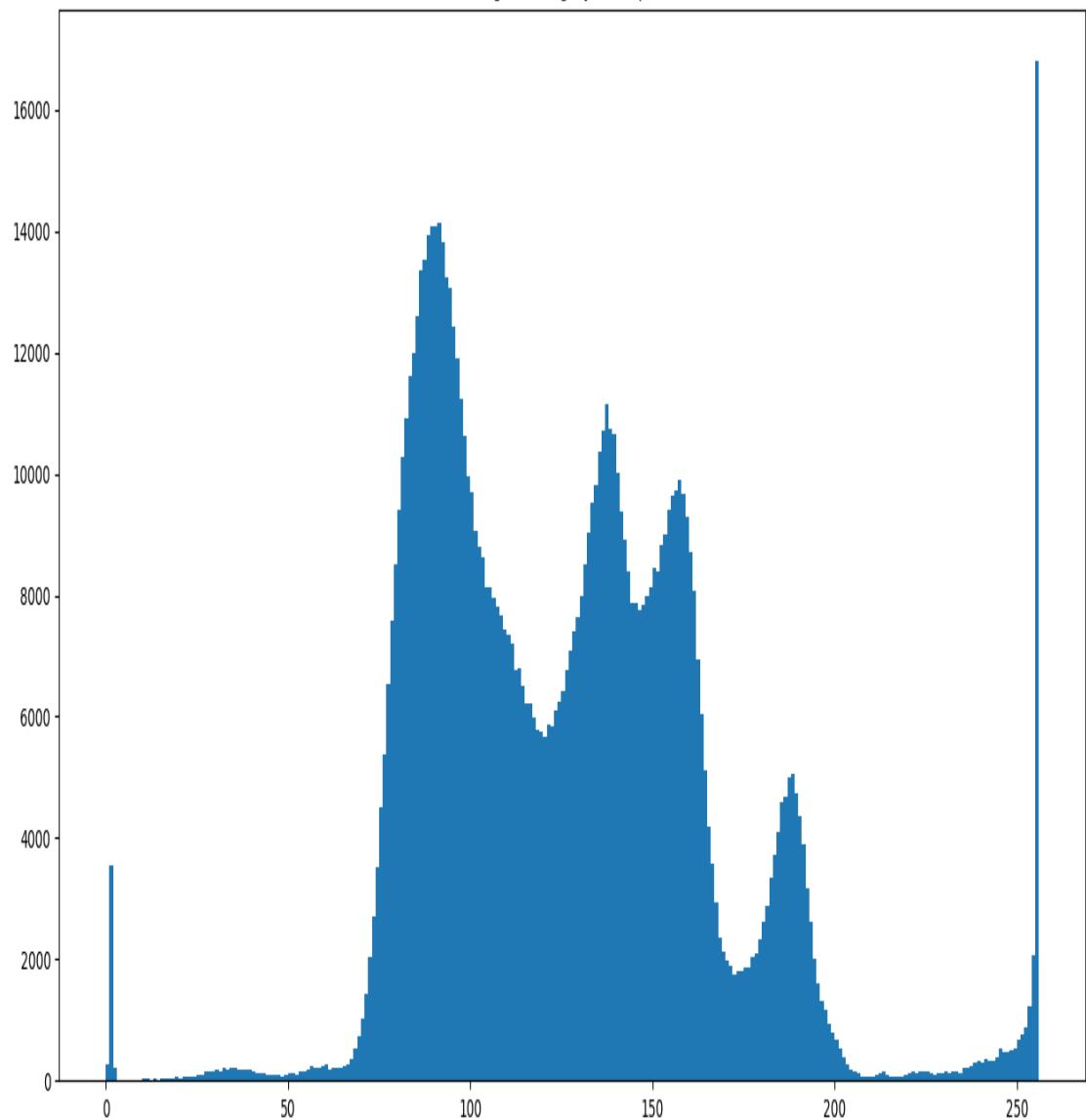
```
Error: The file 'test.txt' was not found.
```

```
student@uadmin:~/Desktop/13000124121_a10$ |
```

Figure 1

- X

Histogram for gray scale picture



↶ ↷ Q ↻ ↺ ↻

(x,y)=(117.0, 1.704e+04)

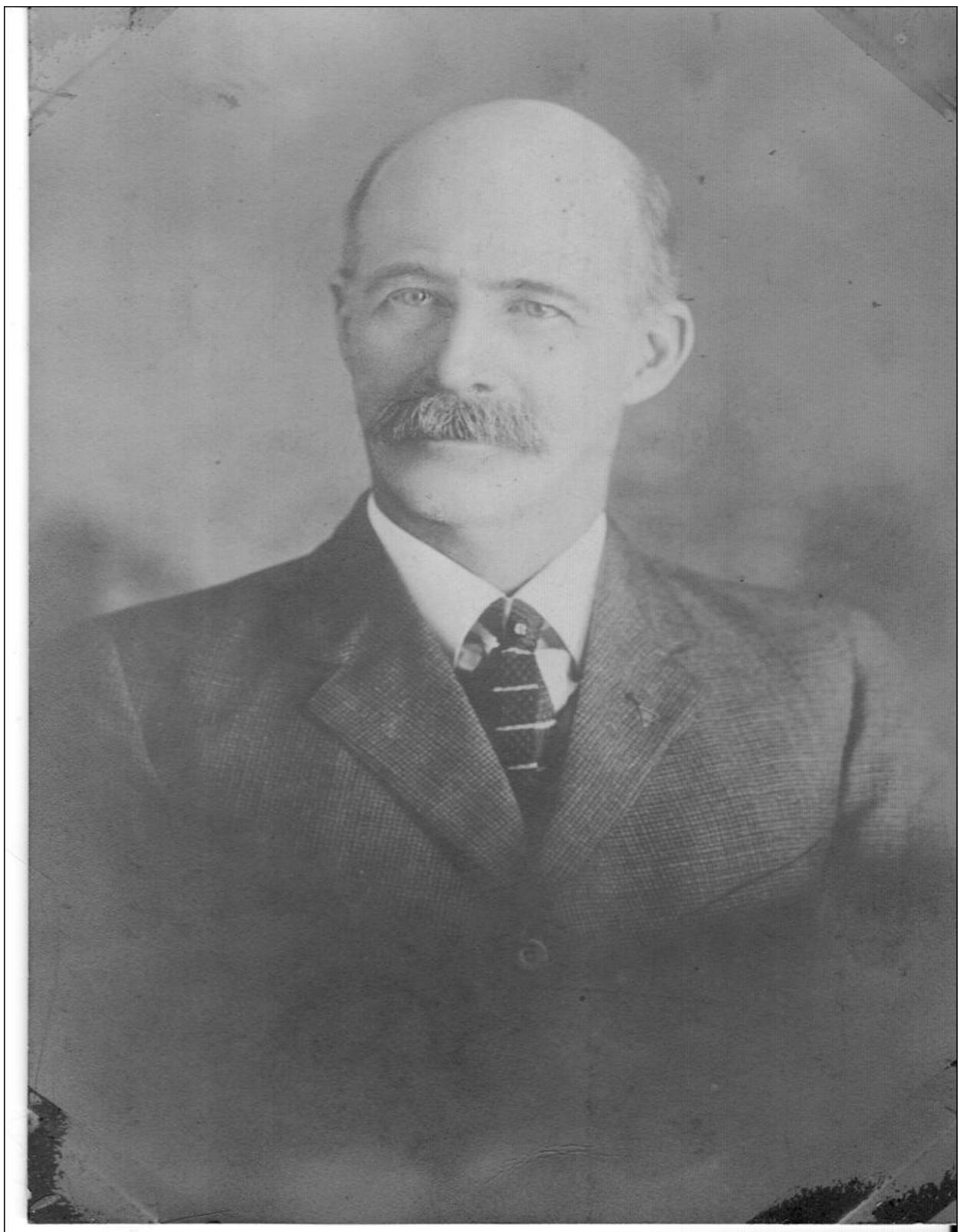
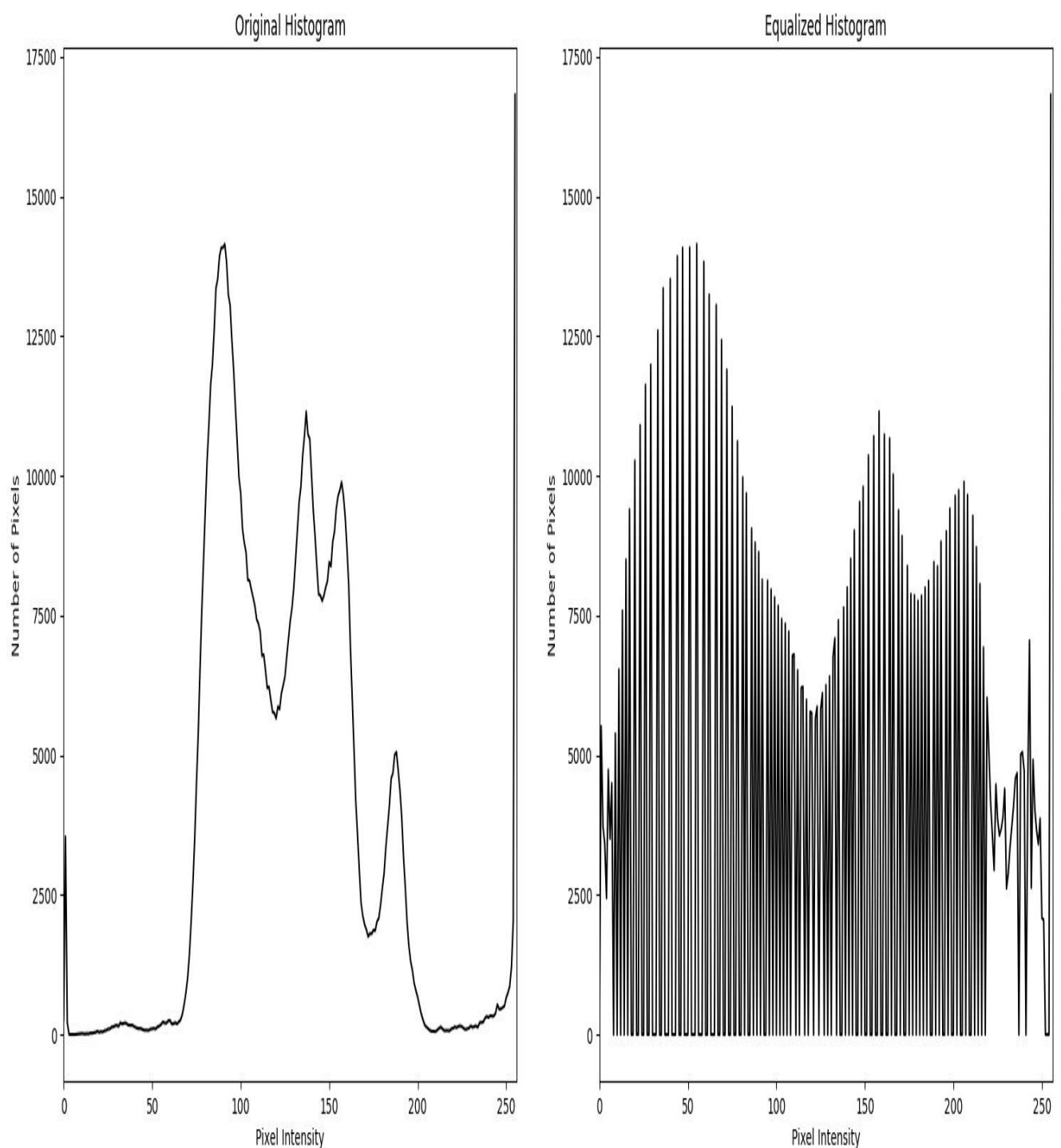


Figure 1



$(x, y) = (171.6, 1.557 \times 10^4)$



Figure 1

