1. قم بعمل برنامج يقوم بتحليل بيانات المرتبات التي تجدها هنا، حيث يقوم هذا البرنامج بحساب أعلى راتب وأقل راتب ومتوسط الرواتب، ويتفاعل مع المستخدم بالطريقة التالية

```
Maximum salary: 117,400 EGP

Minimum salary: 2,100 EGP

Average salary: 46,840 EGP
```

```
salaries = [
    64700, 23100, 81800, 31300, 35500, 84300, 25900,
    15500, 24500, 69000, 40100, 86100, 17000, 55800,
    17400, 15400, 93500, 30000, 68500, 70400, 60200,
    65500, 57100, 20800, 19500, 96200, 43400, 15500,
    36200, 16100, 21300, 63500, 83900, 85600, 40700,
    75700, 53700, 18400, 18400, 48800, 72300, 64600,
    77700, 97300, 64700, 53500, 34300, 76700, 41200,
    78300, 76000, 23600, 31800, 46800, 67600, 96700,
    60000, 33500, 96300, 65800, 80100, 59500, 78600,
    42500, 37700, 58800, 92300, 76000, 65300, 89600,
    22500, 98200, 99100, 38600, 42200, 16400, 17200,
    97600, 60500, 20800, 78500, 71100, 43700, 46500,
    51200, 87600, 68900, 85400, 44400, 53600, 91700,
    93200, 13300, 14200, 49500, 56600, 44400, 89700,
    21300, 100000, 63900, 78600, 61800, 50400, 39700,
    23100, 26300, 70700, 82700, 11400, 55000, 82900,
    54300,78300, 44900, 12600, 21500, 87500, 32200,
    47400, 13800, 54000, 11600, 68100, 94700, 51000,
    20800, 80100, 53700, 25000, 55900, 11700, 61300,
    93800, 72800, 46200, 39800, 96900, 66700, 55400,
    40600, 87000,93400, 74800, 84500, 17100, 38800,
    49100, 64000, 69200, 10540, 12300, 16900, 14500,
    18840, 21080, 12760, 19960, 13960, 14280, 12680,
    17000, 15960,12760, 13240, 17400, 15080, 15080,
    19240, 18360, 13480, 14120,17000, 11000, 11720,
    117400, 18840, 2100, 9480, 10440, 17560,11400,
    9640, 17000, 20360, 9720, 14040, 8792, 10200,
    13880, 11960
    ]
```

يمكنك إذا لم تصل للإجابة، أن تحاول مرة أخرى بمساعدة الخطوات التالية

```
# Calculate max salary using max() function

# Calculate min salary using min() function

# average = total / number of salaries

# Print the results
```

```python
# salaries list
salaries = [
    64700, 23100, 81800, 31300, 35500, 84300, 25900,
    15500, 24500, 69000, 40100, 86100, 17000, 55800,
    17400, 15400, 93500, 30000, 68500, 70400, 60200,
    65500, 57100, 20800, 19500, 96200, 43400, 15500,
    36200, 16100, 21300, 63500, 83900, 85600, 40700,
    75700, 53700, 18400, 18400, 48800, 72300, 64600,
    77700, 97300, 64700, 53500, 34300, 76700, 41200,
    78300, 76000, 23600, 31800, 46800, 67600, 96700,
    60000, 33500, 96300, 65800, 80100, 59500, 78600,
    42500, 37700, 58800, 92300, 76000, 65300, 89600,
    22500, 98200, 99100, 38600, 42200, 16400, 17200,
    97600, 60500, 20800, 78500, 71100, 43700, 46500,
    51200, 87600, 68900, 85400, 44400, 53600, 91700,
    93200, 13300, 14200, 49500, 56600, 44400, 89700,
    21300, 100000, 63900, 78600, 61800, 50400, 39700,
    23100, 26300, 70700, 82700, 11400, 55000, 82900,
    54300,78300, 44900, 12600, 21500, 87500, 32200,
    47400, 13800, 54000, 11600, 68100, 94700, 51000,
    20800, 80100, 53700, 25000, 55900, 11700, 61300,
    93800, 72800, 46200, 39800, 96900, 66700, 55400,
    40600, 87000,93400, 74800, 84500, 17100, 38800,
    49100, 64000, 69200, 10540, 12300, 16900, 14500,
    18840, 21080, 12760, 19960, 13960, 14280, 12680,
    17000, 15960,12760, 13240, 17400, 15080, 15080,
    19240, 18360, 13480, 14120,17000, 11000, 11720,
    117400, 18840, 2100, 9480, 10440, 17560,11400,
    9640, 17000, 20360, 9720, 14040, 8792, 10200,
    13880, 11960
    ]




# Calculate max salary
max_salary = max(salaries)

# Calculate min salary
min_salary = min(salaries)
```

```python
# average = total / number of salaries
total_salary = sum(salaries)
number_of_salaries = len(salaries)

average_salary = total_salary / number_of_salaries

# Print the results
print(f'Maximum salary: {max_salary:,} EGP\n')
print(f'Minimum salary: {min_salary:,} EGP\n')
print(f'Average salary: {average_salary:,.0f} EGP')
```