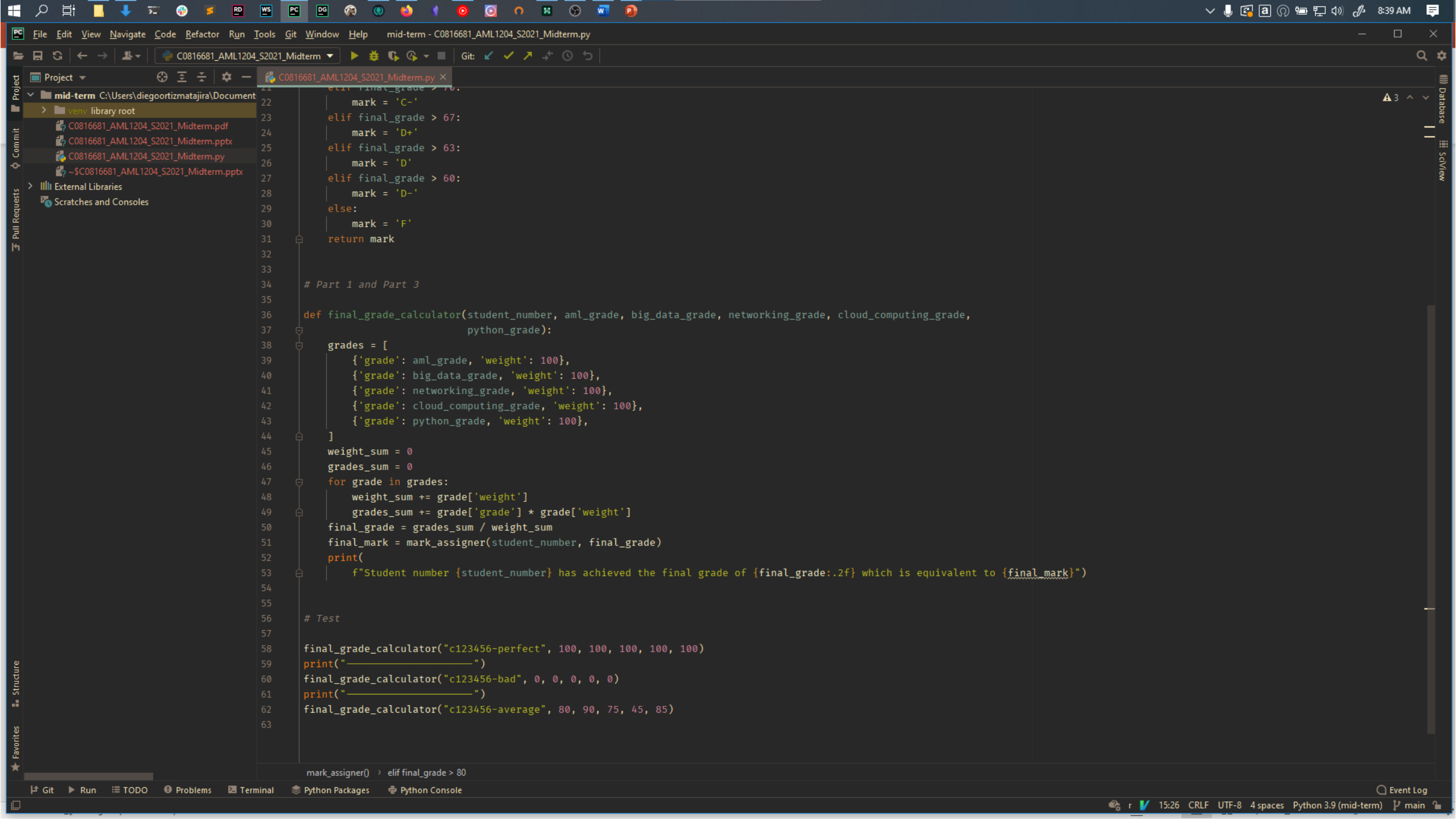


```
1 # Part 2
2
3 def mark_assigner(student_number, final_grade):
4     mark = ''
5     if final_grade > 97:
6         mark = 'A+'
7     elif final_grade > 93:
8         mark = 'A'
9     elif final_grade > 90:
10        mark = 'A-'
11    elif final_grade > 87:
12        mark = 'B+'
13    elif final_grade > 83:
14        mark = 'B'
15    elif final_grade > 80:
16        mark = 'B-'
17    elif final_grade > 77:
18        mark = 'C+'
19    elif final_grade > 73:
20        mark = 'C'
21    elif final_grade > 70:
22        mark = 'C-'
23    elif final_grade > 67:
24        mark = 'D+'
25    elif final_grade > 63:
26        mark = 'D'
27    elif final_grade > 60:
28        mark = 'D-'
29    else:
30        mark = 'F'
31    return mark
32
33
34 # Part 1 and Part 3
35
36 def final_grade_calculator(student_number, aml_grade, big_data_grade, networking_grade, cloud_computing_grade,
37                             python_grade):
38     grades = [
39         {'grade': aml_grade, 'weight': 100},
40         {'grade': big_data_grade, 'weight': 100},
41         {'grade': networking_grade, 'weight': 100},
42         {'grade': cloud_computing_grade, 'weight': 100},
43         {'grade': python_grade, 'weight': 100},
44     ]
45     weight_sum = 0
46     mark_assigner() > elif final_grade > 87
```

Externally added files can be added to Git
View Files Always Add Don't Ask Again



```
21     elif final_grade > 70:
22         mark = 'C-'
23     elif final_grade > 67:
24         mark = 'D+'
25     elif final_grade > 63:
26         mark = 'D'
27     elif final_grade > 60:
28         mark = 'D-'
29     else:
30         mark = 'F'
31     return mark
32
33
34     # Part 1 and Part 3
35
36     def final_grade_calculator(student_number, aml_grade, big_data_grade, networking_grade, cloud_computing_grade,
37                                python_grade):
38         grades = [
39             {'grade': aml_grade, 'weight': 100},
40             {'grade': big_data_grade, 'weight': 100},
41             {'grade': networking_grade, 'weight': 100},
42             {'grade': cloud_computing_grade, 'weight': 100},
43             {'grade': python_grade, 'weight': 100},
44         ]
45         weight_sum = 0
46         grades_sum = 0
47         for grade in grades:
48             weight_sum += grade['weight']
49             grades_sum += grade['grade'] * grade['weight']
50         final_grade = grades_sum / weight_sum
51         final_mark = mark_assigner(student_number, final_grade)
52         print(
53             f"Student number {student_number} has achieved the final grade of {final_grade:.2f} which is equivalent to {final_mark}")
54
55
56     # Test
57
58     final_grade_calculator("c123456-perfect", 100, 100, 100, 100, 100)
59     print("_____")
60     final_grade_calculator("c123456-bad", 0, 0, 0, 0, 0)
61     print("_____")
62     final_grade_calculator("c123456-average", 80, 90, 75, 45, 85)
63
```

