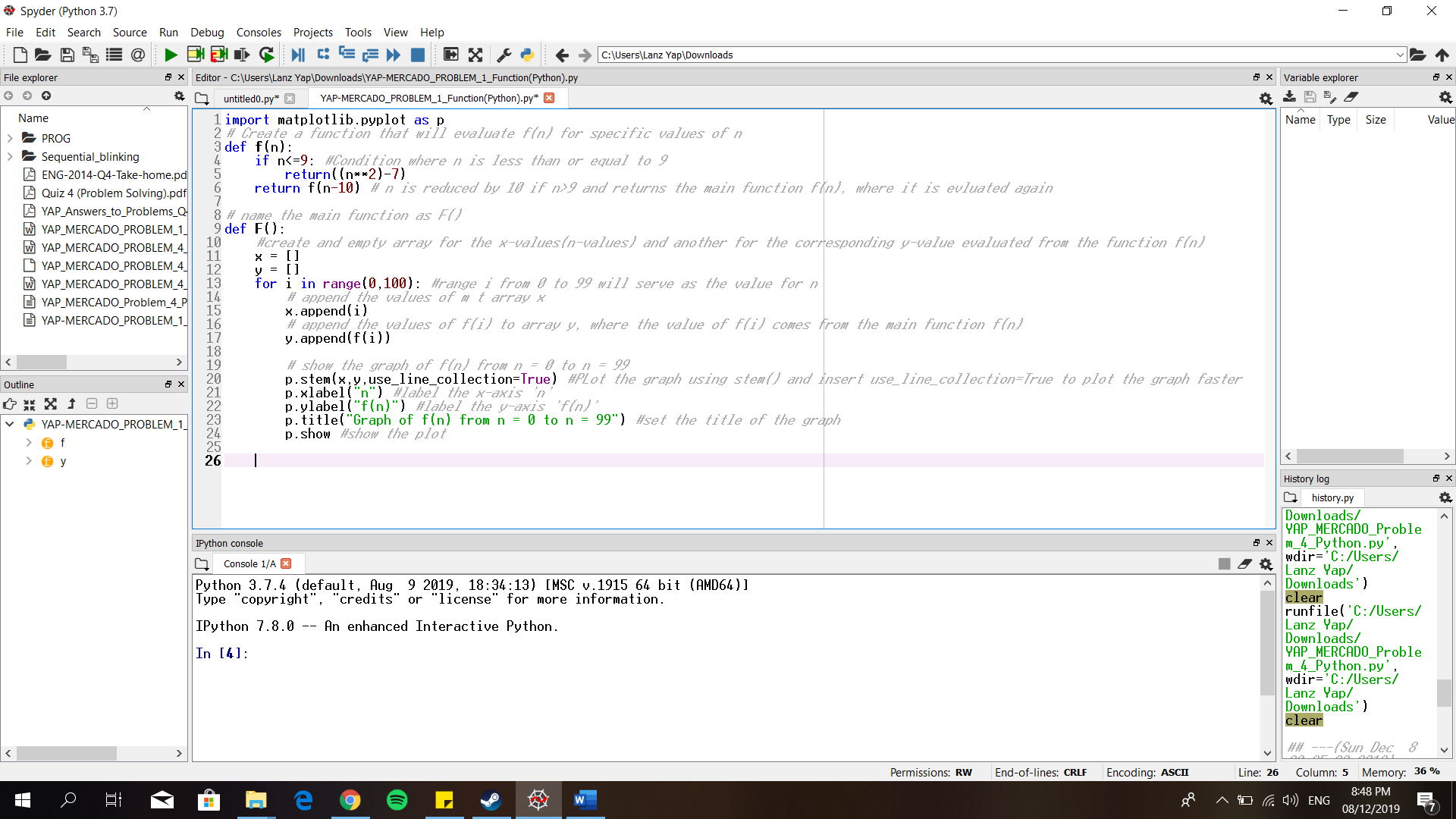
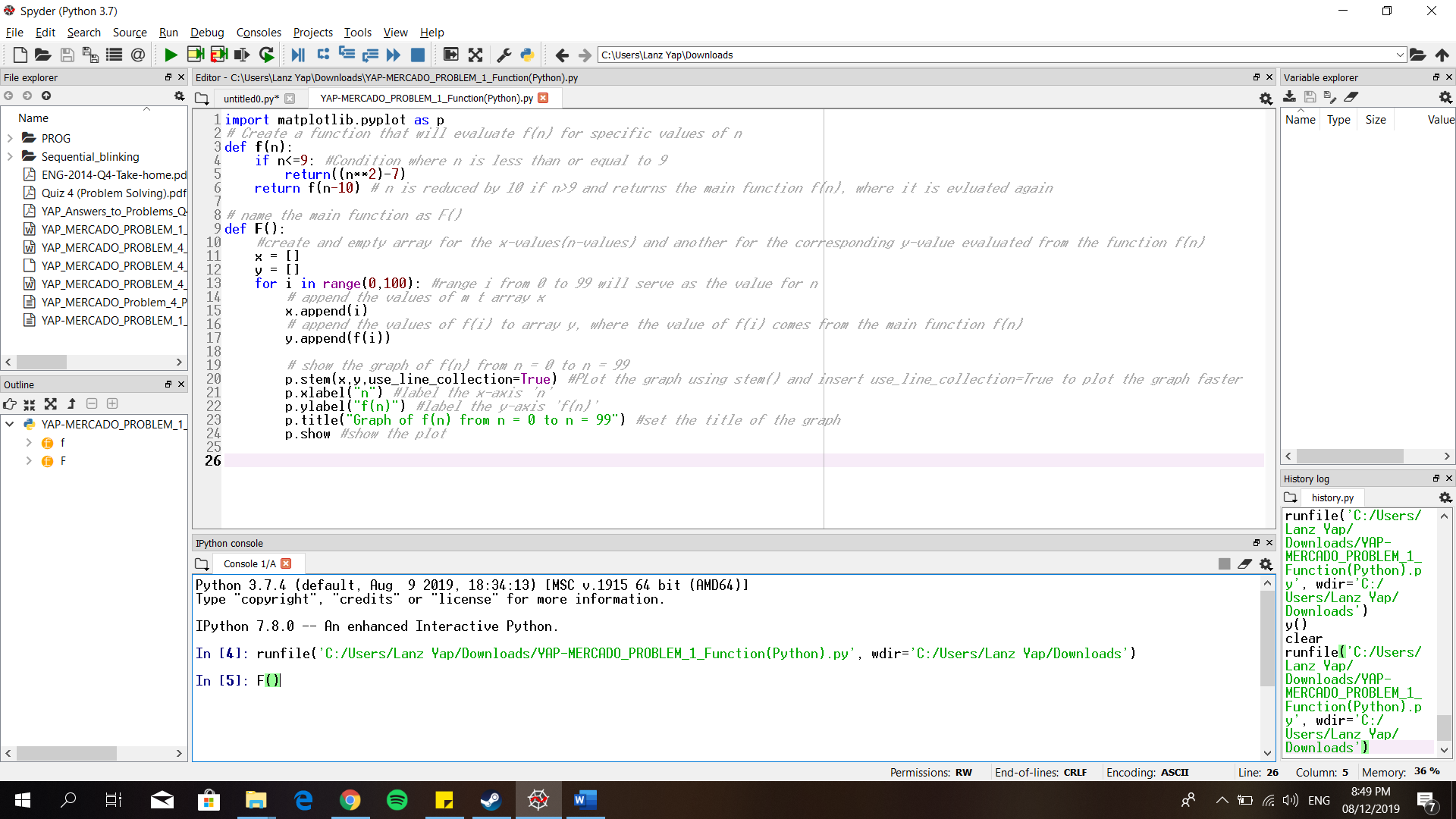
**Problem 1 (Python Solution)**

1. **Working Code**

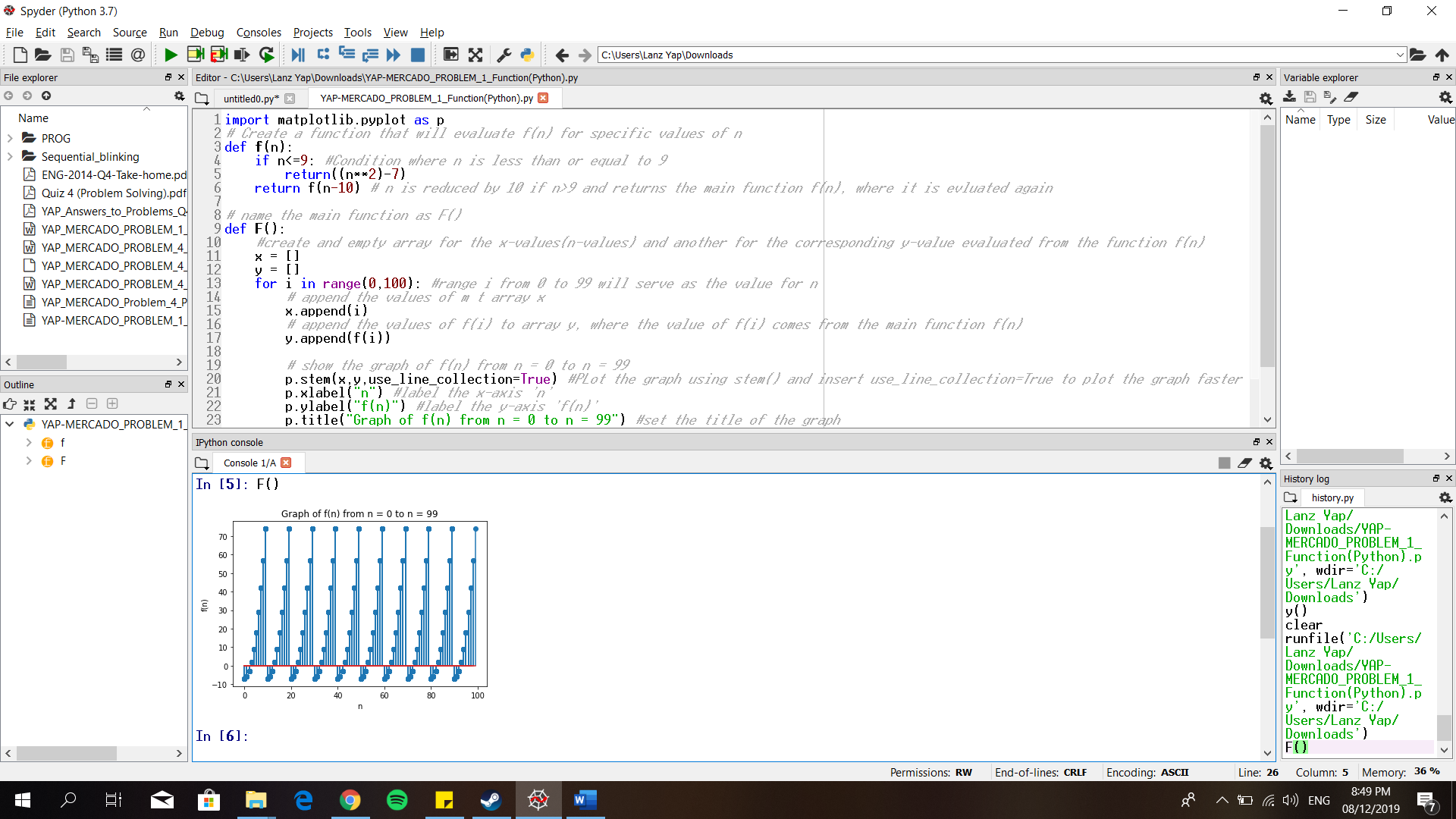


1. **Execution of Program**

B.1. Run the program. Then enter the name of the function, which is F()



B.2 The graph is now shown in the iPhyton Console



The graph is repeating. From n = 0 to n = 9, the values of n satisfies the first equation in the function, which is n^2 - 7. But as the value of n reaches 10 and above, it will implement the second equation in the function wherein it subtracts 10 from n until the new value of n is less than or equal to 9. Then it will implement the first equation of the function and will be assigned as the y value of that specific value of n. Example when n equals 10, n is reduced by 10. Then the value becomes 0 and since it is less than or equal to 9, we input the value of 0 to the equation n^2-7, having a corresponding y-value, which is -7,f for n=10