**Python for Data Science and Machine Learning Course**

**Homework Assignment 3**

**Topic: Python Functions**

**Exercise 1: Rewrite your pay computation with time-and-a-half for over-time and create a function called computepay which takes two parameters (hours and rate).**

Enter Hours: 45

Enter Rate: 10

Pay: 475.0

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**Exercise 2: Rewrite the grade program from the previous chapter using a function called computegrade that takes a score as its parameter and returns a grade as a string.**

|  |  |
| --- | --- |
| Range | Grade |
| **>= 0.9** | **A** |
| **>= 0.8** | **B** |
| **>= 0.7** | **C** |
| **>= 0.6** | **D** |
| **< 0.6** | **F** |

Enter score: 0.95

A

Enter score: perfect

Bad score

Enter score: 10.0

Bad score

Enter score: 0.75

C

Enter score: 0.5

F

Run the program repeatedly to test the various different values for input.