**TEST 3 HANDS-ON**

Q21 Write a fully functioning program that correctly uses a **list**, **reads and writes** to an **external file** worth 60 points

Megan owns a small neighborhood coffee shop, and she has fifteen employees who work as baristas. All of the employees have the same hourly pay rate. Megan has asked you to design a program that will allow her to enter the number of hours worked by each employee and then display the amounts of all the employees’ gross pay. You determine that the program should perform the following steps:

1. For each employee:
   1. get the employee name from the file named employee\_names.txt (attached in Blackboard)
   2. get the number of hours worked from the employee
   3. store in employee\_names file
   4. read data from file and storehours worked **in a list** element.
2. For each list element: use the value stored in the element to calculate an employee’s gross pay. Display the amount of the gross pay.
   1. Hourly rate $12.00
   2. Overtime should be calculated at time and a half