**Lab 7 – File Reading and Writing with Python**

**(40 Points)**

**Problem 1: (40 points)**

1. For problem 1 in assignment 7, write a python script that creates a file with the given format, inserts five employees into that file with the following information: (20 points)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | ID | Pay Type | Pay Rate | Hours Worked |
| Kelly | 1 | H | 12 | 32 |
| Jason | 2 | S | 700 | 40 |
| Alice | 3 | S | 720 | 40 |
| Debra | 4 | H | 13 | 19 |
| Gordon | 5 | H | 12 | 23 |

1. For the same problem, convert the algorithm from your solution into Python code. Your code should output each employee’s name, ID, pay type, pay rate, hours worked, and the calculated gross pay. (20 points)  
   Each employee’s information should be printed on the same line.  
   Information for each employee should be printed on a separate line.

**Lab Deliverables:**

* Take a screen shot for your code for part a and part b, along with a snap shot of your obtained output.
* For part a, take a snapshot of the file that was created. The snapshot should show the file content.