### **Program 1:**

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| --- | --- | --- |
| Input | Processing | Output |
| Worker id, hourly rate, and hours worked | Processing items: none  Algorithm:  1. open "workers.txt" file for output  2. make sure the file opened successfully  3. for (i = 0; i < 5; i++)  4. get worker id, hourly rate, and hours from user  5. store this information in the text file "workers.txt"  6. endfor  7. close "workers.txt" file | No onscreen output unless there was an error opening the "workers.txt" file |

### **Program 2:**

|  |  |  |
| --- | --- | --- |
| Input | Processing | Output |
| Worker id, hourly rate, and hours worked | Processing items: none  Algorithm:  1. open "workers.txt" file in append mode  2. make sure the file opened successfully  3. for (i = 0; i < 3; i++)  4. get worker id, hourly rate, and hours from user  5. store this information at the end of the text file "workers.txt"  6. endfor  7. close "workers.txt" file | No onscreen output unless there was an error opening the "workers.txt" file |

### **Program 1:**

|  |  |  |
| --- | --- | --- |
| Input | Processing | Output |
| Information from "workers.txt" file | Processing items: none  Algorithm:  1. open "workers.txt" file in read mode  2. make sure the file opened successfully  3. for (i = 0; i < 8; i++)  4. set worker id, pay rate, and hours worked to local variables  5. output Worker ID and gross pay (hours \* rate)  6. endfor  7. close "workers.txt" file | Error message if file couldn't be opened  Worker ID and their gross pay |