|  |  |  |
| --- | --- | --- |
| **Variable Name** | **Variable Type** | **Description** |
| **\*\*\*\*** | **\*\*Main\*\*** | **\*\*\*\*** |
| homedataIn | ifstream | Input stream object |
| itemName | string | entry name |
| itemCode | string | entry code |
| itemType | char | entry item character |
| hours | int | entry labor hours |
| day | int | entry day of charge |
| charge | double | entry total charge |
| name[100] | string | all names |
| code[100] | string | all codes |
| type[100] | string | all converted types |
| laborCost[100] | double | all labor charges per hour |
| totalCharge[100] | double | all total charges |
| days[100] | int | all day of charges |
| greatChar | double | greatest single charge |
| count | int | Accumulator tool |
| entryCount | int | Tracks number of entries from file |
| **\*\*\*\*** | **\*\*transType\*\*** | **\*\*\*\*** |
| translation | string | Translated type code |
| **\*\*\*\*** | **\*\*laborCalc\*\*** | **\*\*\*\*** |
| result | double |  |
| **\*\*\*\*** | **\*\*dispFull\*\*** | **\*\*\*\*** |
| count | int | Accumulator tool |
| count2 | int | Accumulator tool |
| sort | int | Accumulator tool |
| sort2 | int | Accumulator tool |
| sequential | int | Accumulator tool |
| temp1 | string | Sorting name |
| temp2 | string | Sorting code |
| temp3 | string | Sorting converted type |
| temp4 | double | Sorting labor cost |
| temp5 | double | Sorting total charge |
| temp6 | int | Sorting day of charge |
| **\*\*\*\*** | **\*\*greatest\*\*** | **\*\*\*\*** |
| great | double | Greatest single charge |
| count | int | Accumulator tool |
| **\*\*\*\*** | **\*\*sectionCharges\*\*** | **\*\*\*\*** |
| dataIn | ifstream | Input stream object |
| itemName | string | entry name |
| itemCode | string | entry code |
| itemType | char | entry item character |
| hours | int | entry labor hours |
| day | int | entry day of charge |
| charge | double | entry total charge |
| type | string | Converted charge type |
| chargMat | double | Total charge for Materials |
| chargIns | double | Total charge for Inspections |
| chargEle | double | Total charge for Electrical |
| chargLab | double | Total charge for Labor |
| chargCon | double | Total charge for Contractors |