**Exercise 3 Question 2**

Read in the name and age of an unknown number of people. Type quit for name to terminate data entry. Determine the name of the oldest person. (linked data for highest/lowest value)

Input

|  |  |  |
| --- | --- | --- |
| ***name*** | ***type*** | ***availability*** |
| personName | string | kbd |
| age | integer | kbd |

Output

|  |  |  |
| --- | --- | --- |
| ***name*** | ***format*** | ***where*** |
| oldestPersonName | string | screen |
| oldestPersonAge | whole number | screen |

Processing

Algorithm for highest number (linked name to age)

**Testdata**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dataset 1 |  |  |  |  |
| personName | John | Susan | Mark | quit |
| age | 34 | 21 | 92 |  |
| oldestPersonName | | | | Mark |
| oldestPersonAge | | | | 92 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dataset 2 |  |  |  |  |
| personName | John | Susan | Mark | quit |
| age | 74 | 21 | 54 |  |
| oldestPersonName | | | | John |
| oldestPersonAge | | | | 74 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dataset 3 |  |  |  |  |
| personName |  |  |  | quit |
| age |  |  |  |  |
| oldestPersonName | | | | comment |
| oldestPersonAge | | | |  |

**Testing plan and PseudoCode**