Philip Pesic

Week 16

December 5 2022

Week 16 Prog 3

Use the file firstLastAge.txt from program 2.

 Read in the data and print out the name and age of the youngest person, and also the oldest

person.

 If you are having difficulty, please remember to post questions in the weekly question and

answer discussion

            topic.

```cpp
//  main.cpp
//  Week 16 Prog 3
//
//  Created by Pippo Pesic on 11/28/22.
//

#include <iostream>
#include <string>
#include <fstream>
using namespace std;
int main() {
        ifstream peopleFile;
```

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```cpp
        string word;

        string wordsArray[15] = {};

        int counter = 0;


        peopleFile.open("/Users/pippo/Desktop/Week 16 Prog 3/firstLastAge.txt");


        while(!peopleFile.eof()) {

        peopleFile >> word;

        wordsArray[counter] = word;

        counter++;

        }


        int minAge = 1000;

        int maxAge = 0;

        for(int i=2; i<15; i=i+3){

        int currentAge = stoi(wordsArray[i]);

        if (currentAge > maxAge){

        maxAge = currentAge;

        }

        if (currentAge < minAge){

        minAge = currentAge;
```

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```
        }

        }

        cout << "Max age: " << maxAge << endl;

        cout << "Min age: " << minAge << endl;

        peopleFile.close();

        cout << "Philip Pesic 12/5/22" << endl;

        return 0;

}
```
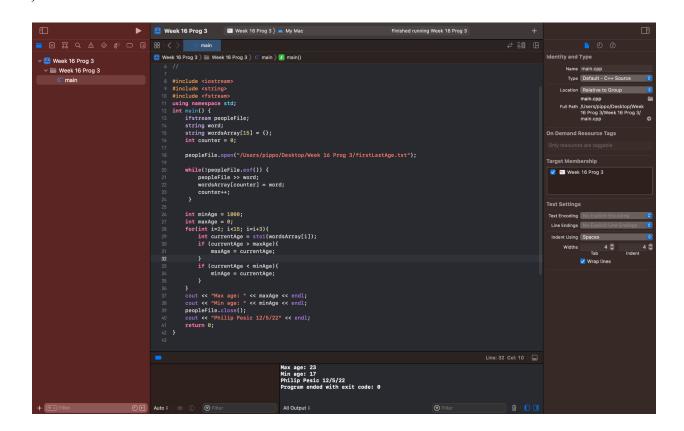

I learned: how to store file contents and sort them