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*// QUIZ.cpp*

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*// Created by Ricardo Santos on 4/25/19.*

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#include "QUIZ.hpp"

#include <iostream>

#include <iomanip>

**using** **namespace** std;

**void** prompt(**float** [], **int**, **int**&);

**void** averageFunc(**float** [], **int**, **int**&, **float**&);

**void** max(**float**[],**float**&);

**void** min(**float**[],**float**&);

**void** max(**float** input[])

{

**int** max = input[0];

**for**(**int** i = 0; i <= 7; i++)

{

**if**(input[i] > max)

{

max = input[i];

}

}

cout << "the largest value is " << max << endl;

}

**void** min(**float** input[])

{

**int** min = input[0];

**for**(**int** i = 0; i <= 7; i++)

{

**if**(input[i] < min)

{

min = input[i];

}

}

cout << "The smallest value is " << min << endl;

}

**int** main()

{

**float** averageFin;

**const** **int** SIZE = 1000;

**float** daysInput[SIZE]; *//array that stores inputed grades*

**int** daysCount = 0; *//holds the number of grades entered*

prompt(daysInput, SIZE, daysCount); *//calls function to get grades*

averageFunc(daysInput, SIZE, daysCount, averageFin); *//calls funtion to average grades*

max(daysInput);

min(daysInput);

cout << "The average sale for the week is: " << averageFin<< endl;

**return** 0;

}

**void** prompt(**float** input[], **int** size, **int**& gcount)

{

**int** index = 0;

**float** temp;

cout << "Hi, please enter the sales for the week. When you are done press -1. " << endl;

cout << "Sales: ";

cin >> temp;

**while**(temp != -1 && index < size)

{

gcount += index; *//holds the amount of grades enterterd*

index++;

input[index - 1] = temp;

cout << "Sales: ";

cin >> temp;

}

}

**void** averageFunc(**float** input[], **int** size, **int**& gcount, **float**& avg)

{

**float** total = 0;

**for** (**int** i = 0; i < gcount; i++)

{

total += input[i];

}

cout << fixed << showpoint << setprecision(2);

avg = total / 7;

}

OUtput



