Abraham Swaray

Homework 14

24.

#include <iostream>

#include <fstream>

#include<string>

using namespace std;

int main() {

int cars[10];

ifstream inFile;

inFile.open("cars.txt");

int i = 0;

int total = 0;

int maxCar = 0;//max num of cars sold

int maxSP = 0;//salesperson sold max cars

string temp;

while (!inFile.eof()) {

getline(inFile, temp);

cars[i] = stoi(temp);//cast string to int and save it cars[i]

if (cars[i] > maxCar) {

maxCar = cars[i];

maxSP = i + 1;//salesperson num going from 1 to 10 (i+1)

}

total += cars[i];//calculate total number of cars sold

}

cout << "Maximum Number of Cars sold by Salesperson Number : " << maxSP << endl;

cout << "Maximum Cars sold: " << maxCar << endl;

cout << "Total Number of Cars Sold: " << total << endl;

inFile.close();

system("pause");

return 0;

}

27.

1 3.50 10.70 235.31

2 7.20 6.50 294.05

3 10.50 12.00 791.68

4 9.80 10.50 646.54

5 6.50 8.00 326.73

36. a is no because a is char

b. is yes correct since is less than 6

c.yes

d . yes

37.

a. string s = “Sunny Day”;

for (int I =0; I <strlen (s); i++) {

str1 [1] = s[i];

}

b. in length = strleng (str1);

c. int strcpy (str2, name);

d. if (strcmp (str1,str2) == -1) {

for (int I = 0; I <21; i++) {

cout << str1[i];

}

Else { int I = 0; I < 21; i++) {

I++; }

42.

a. int alpha[10][20] = { 0 };

b. . int alpha[10][20] = { 0 };

c.for (int i = 0; i < 10; i++) {

for (int j = 0; j < 20; j++) {

if (i == 0) {

alpha[i][j] = 1;

}

else {

alpha[i][j] = 2;

}

}

}

d. for (int i = 0; i < 10; i++) {

for (int j = 0; j < 20; j++) {

if (j == 0) {

alpha[i][j] = 5;

}

else {

alpha[i][j] = 2\*alpha[i][0];

}

}

}

e. for (int i = 0; i < 10; i++) {

cout << endl;

for (int j = 0; j < 20; j++) {

cout << alpha[i][j] << " ";

}

}

F . for (int i = 0; i < 10; i++) {

for (int j = 0; j < 20; j++) {

cout << alpha[i][j] << endl;

}

}