

Section 12.1 Answers to Odd Numbered Questions

1) On the monitor: People are difficult too much knowledge.

In the file: to govern because they have Lao-tzu

3) height: 54
width: 19
depth: 24
weight: 34

5) emp1: Grubfer Paye
rate1: 10.8
hours1: 44.25
emp2: Justa Winer
rate2: 11.23
hours2: 37.50

7) Average Temperature: 35

```
9) #include <iostream>
#include <fstream>
#include <string>
using namespace std;
```

```
int main()
{
    string street, cityStateZip, phone;
    ofstream outFile;

    outFile.open("address.dat");

    cout << "Enter your street address: ";
    getline(cin, street);
    cout << "Enter your city, state and zip code: ";
    getline(cin, cityStateZip);
    cout << "Enter your phone: ";
    getline(cin, phone);

    outFile << street << endl
            << cityStateZip << endl
            << phone << endl;

    outFile.close();

    return 0;
}
```

```
11) #include <iostream>
#include <fstream>
#include <string>
using namespace std;

int main()
{
    string theStreet, theCity, thePhone;
    ifstream inFile;

    inFile.open("address.dat");

    if (!inFile)
    {
        cout << "No File!";
        exit(1);
    }

    getline(inFile, theStreet);
    getline(inFile, theCity);
    getline(inFile, thePhone);

    cout << theStreet << endl
         << theCity << endl
         << thePhone << endl;

    inFile.close();

    return 0;
}
```

```
13) #include <iostream>
#include <fstream>
using namespace std;

int main()
{
    double height, weight;
    ofstream statFile;

    statFile.open("stats.txt");

    cout << "Enter a height in inches: ";
    cin >> height;
    cout << "Enter a weight in pounds: ";
    cin >> weight;
```

```

while (height > 0 && weight > 0)
{
    statFile << height << ' ' << weight << endl;
    cout << "Enter a height in inches: ";
    cin >> height;
    cout << "Enter a weight in pounds: ";
    cin >> weight;
}

statFile.close();

return 0;
}

15) #include <iostream>
#include <fstream>
using namespace std;

int main()
{
    cout.setf(ios::fixed, ios::floatfield);
    cout.setf(ios::showpoint);
    cout.precision(1);

    double h, w, sumH=0, sumW=0, count=0;
    ifstream stats;
    stats.open("stats.txt");

    if (!stats)
    {
        cout << "No File!";
        exit(1);
    }

    stats >> h >> w;
    while (stats)
    {
        count++;
        sumH += h;
        sumW += w;
        stats >> h >> w;
    }

    cout << "Average height: " << sumH / count << endl
         << "Average weight: " << sumW / count << endl;

    stats.close();

    return 0;
}

```