Section 1.2 Answers to Odd Numbered Questions

1) Correct identifiers: _LAMA, total,a1, horse_at_rest, year2020

3) The correct data types are:
   a) short, int, long
   b) float, double, long double
   c) char
   d) bool
   e) float, double, long double

5) Declarations:
   a) int year;
   b) double totalPay;
   c) char choice;
   d) bool isActive;

7) Assignments
   a) year = 2011;
   b) totalPay = 3042.23;
   c) choice = '1';
   d) isActive = false;
   e) a = b = 0;

9) Declarations with assignments
   a) double highTemp = 89.5;
   b) int attendance = 231;

11) Results
   a) 19
   b) 7
   c) .2
   d) 2
   e) 1 __
   f) 2.3333

13) 15

15) 8

17) const double PI = 3.14159;
const int MAX = 100;

Section 1.3 Answers to Odd Numbered Questions

1)
```
Of all human ills,
greatest is fortune's
wayward tyranny.
```

3)
```
total cost: $108
```

5)
```
total cost: $108.50
```

7)
```
cout << “Talk sense” << endl
     << “to a fool “ << endl
     << “and he calls you foolish.”;
```

or

```
cout << “Talk sense\nto a fool\nand he calls you foolish.”;
```

9)
```
How many apples do you want? 3
That will be $1.35
```

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

const double PI = 3.14159;

int main()
{
    double radius, area;

    cout.setf(ios::fixed, ios::floatfield);
    cout.setf(ios::showpoint);
    cout.precision(3);

    cout << "Enter the radius in feet: ";
    cin >> radius;
    area = PI * radius * radius;
    cout << "The area of the circle is : "
         << area << " square feet " << endl;

    return 0;
}
```

Section 9.3 Answers to Odd Numbered Questions

1) Reason and judgment are the qualities of a leader.
-Tacticus

3) No one is so generous as he who has nothing to give.

5) one

7) one two

Answers to Odd Numbered Questions of Exercises on Formatting

```
1>
        0.1
        0.14
        0.136
        0.1358
        0.13579


3>
             0.1
            0.14
           0.136
          0.1358
         0.13579
```