Quiz 4 Functions

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1. What is printed by the following code?
#include<iostream>
using namespace std;
double compute(double, int);
int main()
{
     double miles = 150.5;
     int roads = 3;
     double milesLeft;
     cout << "We traveled " << miles <<</pre>
           " on " << roads << " roads. " << endl;</pre>
     milesLeft = compute(miles, roads);
      cout << "Left to travel: " << milesLeft << endl;</pre>
     miles += 100;
     milesLeft = compute(miles, roads);
      cout << "Left to travel: " << milesLeft << endl;</pre>
     roads++;
     cout << "We traveled " << miles <<</pre>
           " on " << roads << " roads. " << endl;
      system("PAUSE");
     return 0;
}
double compute(double m, int r)
{
     r++;
      if (m > 200 || r > 6)
           return 100;
     else if (m > 100 || r > 4)
           return 200;
     else
           return 300;
}
```

- 2. A function evenOdd accepts two integer parameters. It returns true if one of the parameters is even and the other is odd (the first is even and the second is odd, or the first is odd and the second is even!) It returns false, otherwise.
 - a. Write the prototype for the function.

b. Write an example call to this function from main.

c. Write the function definition (the header and code).