Class Activity11-Chapter7

Name_____

What is the output of the following code? If there is(are) any error explain the errors and fix the errors.

```cpp
#include <iostream>
#include <fstream>

using namespace std;

void MyNumber(int&, int);

int main()
{
   ofstream outFile;
   ifstream inFile;

   outFile.open("nestout");
   inFile.open("nestin");

   int num1, num2;

   outFile << "** M Y  N U M B E R **" << endl;

   inFile >> num1 >> num2;
   while (!inFile.eof())
   {
      outFile << "num1 is: " << num1 << "  tnum2 is: " << num2 << endl;
      MyNumber(num1, num2);
      outFile << "New num1 is: "
           << num1 << "  num2 is: " << num2 << endl << endl;
      inFile >> num1 >> num2;
   } // end while

   outFile << "    ***>>> End <<<***" << endl;

   return 0;
}
```

```
void MyNumber(int& n1, int n2)
{
     switch(n1)
     {
      case 1:
      case 9: switch(n2)
              {
               case 1:
               case 4:
               case 5: n1 = 10;
                    break;
               case 6:
               case 9: n1 = 20;
                    break;
               default: n1 = 0;
                     break;
              } // end switch(n2)
             break;
       case 6:
       case 8: switch(n2)
              {
               case 1:
               case 5: n1 = 11;
                    break;
               default: if (n2 < 0)
                      {
                        n1 = 9;
                        break;
                      }
                       else
                      {
                        n1 = 99;
                        break;
                      }
              } // end switch(n2)
             break;
        default: n1 = -1;
              break;
      } // end switch(n1)
}
```

nestin: **nestout**

1 1
1 7
1 10
6 1
6 -1
6 20
10 1