1. What does the following misleading sequence print?
```cpp
int i = 10;
if(i == 11)
    cout << i;
    cout << " = 10" << endl;
```

2. How many lines of print are produced by each of the following?

A) ```cpp
int i = 5 
while (i< 50) 
{cout << i << endl; 
i = i + 3; 
}
```

   Lines of print _________

B) ```cpp
int j = -3; 
do 
{cout << j << endl; 
j++; 
} while(j < 12); 
```

   Lines of print________

C) ```cpp
int i = 0, j; 
while(i < 5) 
{cout << i << endl; 
j = 1; 
while(j < 4) 
{cout << j << endl; 
j++; 
} 
i++; 
}
```

   Lines of print________

3. Write a short paragraph explaining what the following program does. Give an example using numbers for the input and predict the output.

```cpp
#include <iostream.h>
main()
{int a, b, c, T;
cout << "Enter three integers..." 
cin >> a >> b >> c;
if (a > b)
    {if (a > c) T = a; 
     else T = c; 
    }
else 
    {if (b > c) T = b; 
     else T = c; 
    } 
cout << "The answer is..." << T << endl; 
} 
```

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4. Show what is printed by the following program.
#include <iostream>
using namespace std;
int ConfuseMe(int j, int i);
//
main()
{
int i, j;
i = 5; j = 3;
cout << i << j << endl;
cout << ConfuseMe(j, i) << endl;
cout << i << j << endl;
return 0;
}
//
int ConfuseMe(int j, int i)
{i = 6; j = 9;
cout << i << j << endl;
return i + j;
}

5. Fill in the memory map at right for the following program.

<table>
<thead>
<tr>
<th>Address</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td></td>
</tr>
<tr>
<td>Main</td>
<td></td>
</tr>
<tr>
<td>Memory</td>
<td></td>
</tr>
</tbody>
</table>

#include <iostream>
using namespace std;
int F(int, int &);
main()
{
int i, j;
i = 4; j = -2;
cout << F(i, j) << endl;
cout << i << j << endl;
return 0;
}
//
int F(int a, int &b)
{cout << a << b << endl;
a = 5; b = 6;
c = a + b;
cout << a << b << endl;
return (a + b)*b;
}