1. Write a function which accepts two doubles as arguments and returns the largest of the two. The main program should print this larger value with 7 places of precision. Name your function `Bigger`.

2. 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;
	 }
```

3. Write a short paragraph explaining the difference between arguments that are passed by value and those that are passed by reference.

4. What is the purpose of constant call by reference?
5. 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;
}

Printed Results

6. 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>Main</td>
</tr>
</tbody>
</table>

#include <iostream.h>
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;
}

7. Suppose a function prototype is given by:
int MyFunction(int a, int b, int &c);

Explain the potential problem with the following statement in the main program.
z = MyFunction(5, 13, 22);