1. Using default arguments, write one function $f$ that can be called with one, two, or three `int` arguments, perhaps like this:
   $f(1); f(2,3); f(10, 20, 30);$ 

2. What is the output of the following code?

   ```c
   int *p = new int;

   int& i = *p;

   i = 3;

   printf("%d\n", *p * i);
   ```

3. True or false: The primary benefit of inline functions is that they reduce the size of the generated machine code.