{{{questionNumber}}}. What does the code on lines {{@line1}}–{{@line2}} accomplish?

```
int main() {
    int *a = new int[3];
    a[0] = 0;
    a[1] = 1;
    a[2] = 2;
    int *b = new int[3]; // from here ... {{#line1}}
    for(int i = 0; i < 3; i++) {
        b[i] = a[i];
    } // ... to here {{#line2}}
    // code to delete dynamic memory
    return 0;
}
```

A. It results in a segmentation fault.
B. [Correct Answer] [Your Answer] It makes a copy of `a` called `b`.
C. It results in a compiler error
D. It makes a copy of `b` called `a` .
E. None of the other options are correct.

{{{questionNumber}}}. Consider this simple code, and assume the `puppy` class has default and copy constructors defined:

```
puppy * plantANew(puppy orig) {
    puppy * seedling = new puppy(orig);
    return seedling;
}

int main() {
    puppy f1; puppy * f2;
    f2 = plantANew(f1);
    return 0;
}
```

How many times is the `puppy` copy constructor called in the example above?

A. [Correct Answer] Twice.
B. One time.
C. [Your Answer] Three times.
D. Never, but the code executes with no errors.
E. Never, because this code has a compiler error.

{{{questionNumber}}}. Consider the following code:

```
#include <iostream>
using namespace std;

void foo(int *bar) {
  *bar = 7;
}

int main() {
    int *x = new int(3);
    foo(x);
    cout << *x << endl;
    //code for deleting allocated memory
    return 1;
}
```

What is the result of compiling and running this code?

A. This code has a compilation error.
B. The number 3 is printed to the screen.
C. The number 1 is printed to the screen.
D. [Correct Answer] [Your Answer] The number 7 is printed to the screen.
E. Nothing is printed to the screen.

{{{questionNumber}}}. Consider this simple example, and assume the standard `iostream` library has been included.

```
void doub(int x) { x = x * 2; }
void trip(int * x) { *x = *x * 3; }
void quin(int & x) { x = x * 5; }

int main() {
    int x = 7;

    doub(x);
    trip(&x);
    quin(x);

    cout << x << endl; {{#line}}
    return 0;
}
```

What is output on line {{@line}}?

A. `35`
B. This code does not compile.
C. `7`
D. `70`
E. None of the other answers are correct.
F. [Correct Answer] `105`
G. [Your Answer] `210`