2.13. What is wrong with this code?

```
public static void resize( int [ ] arr )
{
    int [ ] old = arr;
    arr = new int[ old.length * 2 + 1 ];

    for( int i = 0; i < old.length; i++ )
        arr[ i ] = old[ i ];
}
```

5.11. In terms of N, what is the running time of the following algorithm to compute X^N:

```
public static double power( double x, int n )
{
    double result = 1.0;

    for ( int i = 0; i < n; i++ )
        result *= x;
    return result;
}
```