

## Stage 6 Post

### Fill in The Blank From the Vocabulary List

- Parameters                      method variables
1. The three types of local variables are \_\_\_\_\_, \_\_\_\_\_  
and loop variables
  - JUnit  
2. \_\_\_\_\_ shows green when our tests pass.
  - Lifetime                                      scope  
3. \_\_\_\_\_ happens at run-time while \_\_\_\_\_ is a compile time issue.

## Be the Machine

Explain what this Junit test is checking

```
@Test
public void aSillyTest()
{
    BigInteger x = new BigInteger("32");
    BigInteger y = x;
    assertEquals("64",x.add(y).toString());
}
```

This code is testing a method called `aSillyTest` with a return type of `void`. It creates and object called `x` that stores the `BigInteger` 32. It then states that the variable `y` with the type `BigInteger` is assigned the value of `x`. The it checkes to make sure that the system returns the string "64" when you add `x` and `y` and convert it to a string.