

## References

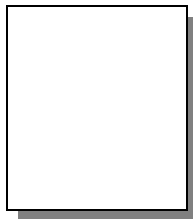
*Trace the following code:*

```
void test2 (int & b) {  
    b = b * 2;  
}
```

```
void test1 (int & a) {  
    a = a * 2;  
    test2(a);  
}
```

```
int main ( ) {  
  
    int trace_this_if_you_dare = 10;  
  
    test1(trace_this_if_you_dare);  
  
    cout << trace_this_if_you_dare;  
  
    return 0;  
}
```

What gets outputted to the screen?



## References, part deux

*Now how about this?*

```
void test2 (int b) {  
    b = b * 2;  
}
```

```
void test1 (int & a) {  
    a = a * 2;  
    test2(a);  
}
```

```
int main ( ) {  
  
    int trace_this_if_you_dare = 10;  
  
    test1(trace_this_if_you_dare);  
  
    cout << trace_this_if_you_dare;  
  
    return 0;  
}
```

What happens now?

