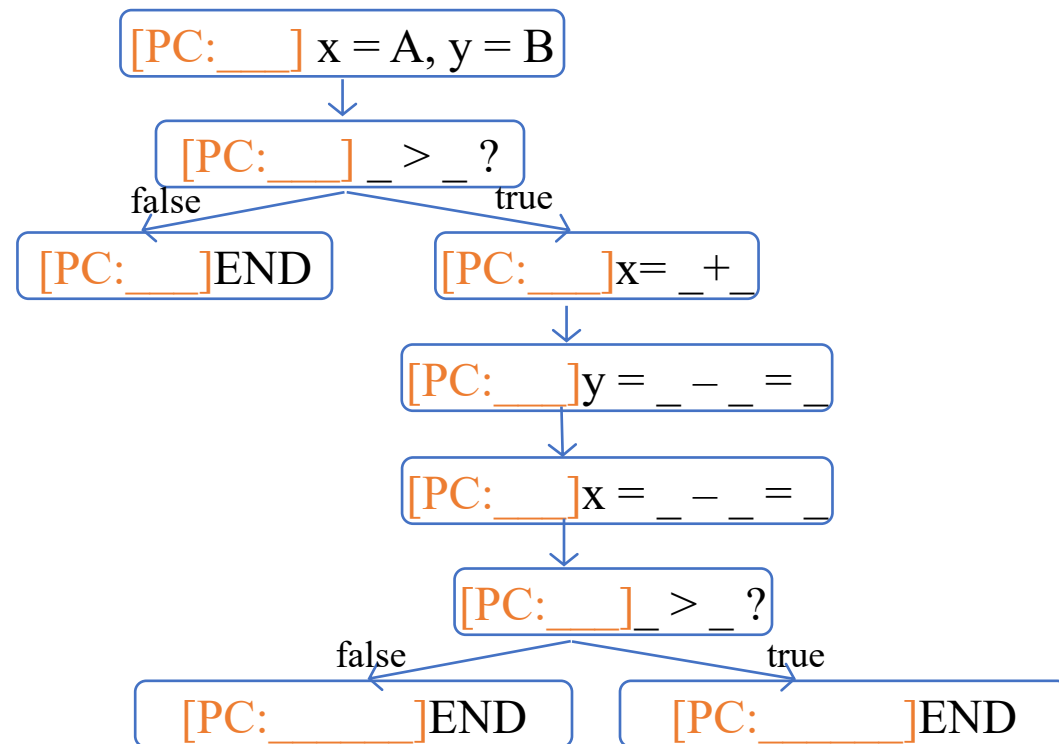


Question: Fill blanks _ in PCs and Symbolic Expressions.

Code that swaps 2 integers:

```
int x, y;  
  
if (x > y) {  
    x = x + y;  
    y = x - y;  
    x = x - y;  
    if (x > y)  
        assert false;  
}
```

Symbolic Execution Tree:

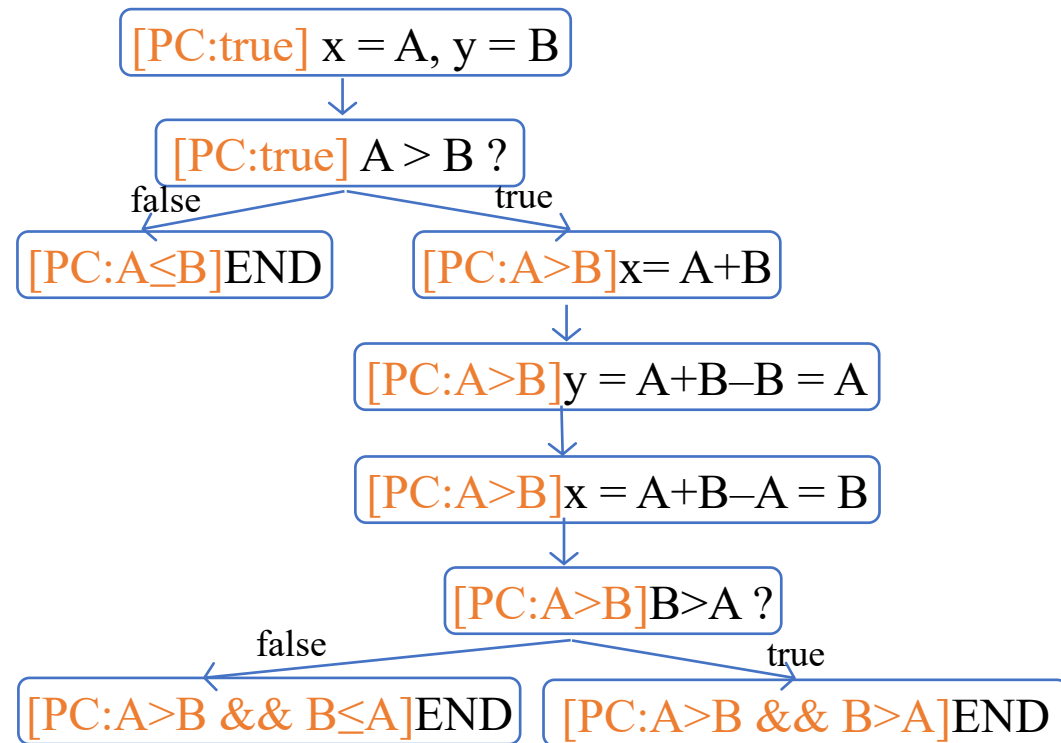


Answer

Code that swaps 2 integers:

```
int x, y;  
  
if (x > y) {  
    x = x + y;  
    y = x - y;  
    x = x - y;  
    if (x > y)  
        assert false;  
}
```

Symbolic Execution Tree:

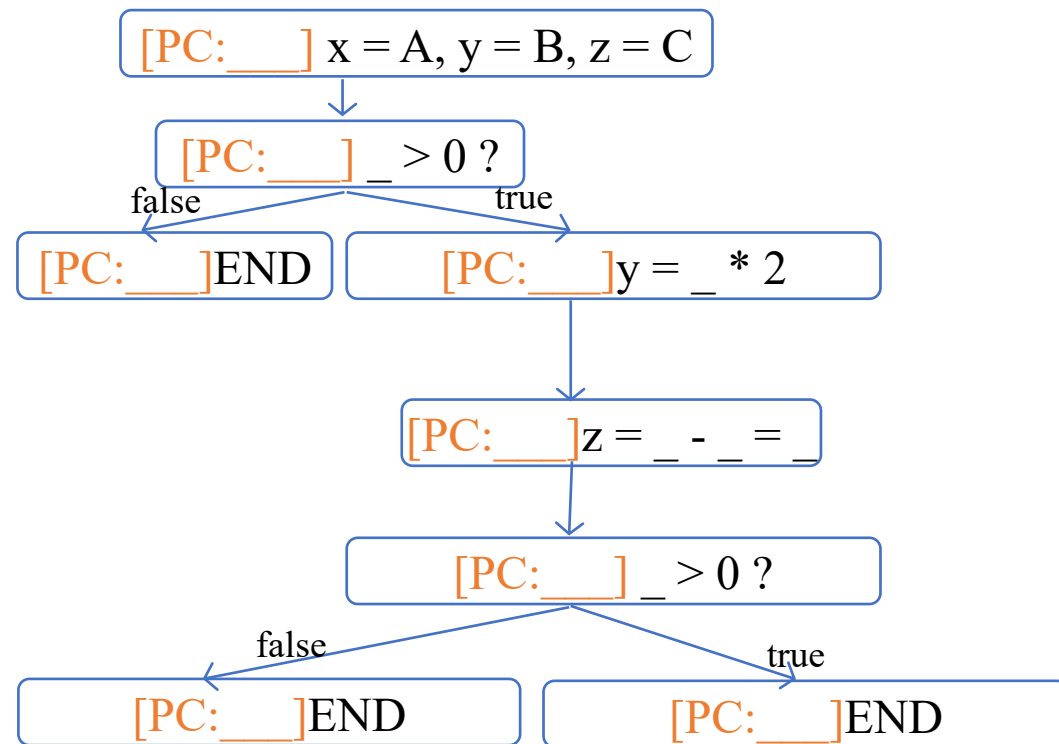


Question: Fill blanks _ in PCs and Symbolic Expressions.

Code:

```
int x, y, z;  
  
if (x > 0) {  
    y = x * 2;  
  
    z = x - y;  
  
    if (z > 0)  
        assert false;  
}
```

Symbolic Execution Tree:



Answer

Code:

```
int x, y, z;  
  
if (x > 0) {  
    y = x * 2;  
  
    z = x - y;  
  
    if (z > 0)  
        assert false;  
}
```

Symbolic Execution Tree:

