

```

public class Scope
{
    private static int z = 0, a = 0;
    private int x = 0, m = 0;
    public static void main(String[] args)
    {
        int a;
        int y = 2;
        int x = 1;
        Scope ex = new Scope( );
        ex.mod1(x);
        a = mod2(y);
    }
    public void mod1(int a)
    {
        x = 2;
        a = a + x;
    }
    public static int mod2(int b)
    {
        int x = 6;
        z = 5;
        return (x + b + z);
    }
}
    
```

Given the program to the left, fill in the table below with the appropriate abbreviations as described just below.

- Under **Identifier Classification** write whether the variable in that method is:  
**L** (local) or  
**E** (an explicit passed parameter) or  
**I** (an instance field variable) or  
**O** (object reference)
- Under **Can Be Referenced In Method** write:  
**Y** (yes it is being used in that method) or  
**N** (not accessible - can not be used in that method) or  
**B** (blocked from being used in that method) or  
**T** (could be used in that method if **this.** used) or  
**C** (could be used in that method without **this.**)

<u>Variables</u>	<u>Identifier Classification</u>	<u>Can Be Referenced In Method:</u>		
		<u>main()</u>	<u>mod1()</u>	<u>mod2()</u>
<u>before main()</u>				
x	_____	___	___	___
z	_____	___	___	___
a	_____	___	___	___
m	_____	___	___	___
<u>in main()</u>				
a	_____	Y	___	___
x	_____	Y	___	___
y	_____	Y	___	___
ex	_____	Y	___	___
<u>in mod1()</u>				
a	_____	___	Y	___
x	_____	___	Y	___
<u>in mod2()</u>				
b	_____	___	___	Y
x	_____	___	___	Y
z	_____	___	___	Y