Predict the output of each short program below.

1. ```
x = 5;
y = 9;
z = 12;
If[y < x - z, 
    Print["yes"],
    Print["no"]
]
```

2. ```
x = 5;
If[x < 15, blah = 0, blah = 1];
Print[blah];
x *= 5;
If[x < 15, blah = 0, blah = 1];
Print[blah];
x = x + 2 x;
If[x < 15, blah = 0, blah = 1];
Print[blah];
x /= 2;
If[x < 15, blah = 0, blah = 1];
Print[blah];
```

3. ```
x = 5;
If[x = 4, Print["yes"], Print["no"]]
```

4. ```
x = 7;
y = 4;
z = x;
x = y;
y = z;
Print[x];
Print[y];
```

5. ```
x = 4;
y = x;
x++;
Print[y];
```

6. ```
x = 3;
x++;
If[Mod[22, x] + Mod[48, x] == 3, 
    Print[x + 4],
    Print[x]
]
```

7. ```
x = 5;
For[i = 1, i <= 2, i++, 
    Print[i];
    x += i;
    For[j = 7, j <= 8, j++,
        Print[x];
        x *= j;
    ];
];
```