

1. Write a `for()` loop that iterates 5 times.

```
for( int i = 0; i < 5; i = i + 1 )
    cout << 'x';
```

'for'	+3
Parentheses	+5
LCV declared	+5
LCV initialized	+5
LCE involving LCV	+5
LCV modified	+5
Loop body	+5

2. Write a `while()` loop that iterates 5 times.

```
int i = 0;
while( i < 5 )
    i = i + 1;

'while'
Parentheses
LCV declared
LCV initialized
LCE involving LCV
LCV modified
Loop body
```

3. What is the output of the following code?

```
int x[4];

x[0] = 83;
x[1] = 29;
x[2] = 70;
x[3] = x[1] + x[2];

cout << x[2] << endl << x[2+1] << endl << x[2]+1;
```

70	+11
99	+11
71	+11