

More on loops → Pattern Programming

$j \leq 2$
 $j < 4$
 0 2 4
 1 2 4
 2 2 4
 3 2 4

$i \leq 4$
 i 2 4
 0 2 4
 1 2 4
 4 2 4

```

for(int j=0; j<4; j++)
{
    for(int i=0; i<4; i++)
    {
        System.out.print("A ");
    }
    System.out.println();
}
  
```

Annotations: ① points to `j=0`, ② points to `j<4`, ③ points to `j++`, ④ points to the closing brace of the outer loop. In the inner loop, ⑤ points to `i=0`, ⑥ points to `i<4`, and ⑦ points to `i++`.

A A A A
 A A A A
 A A A A
 A A A A

g.
