Infinite For loop

Infinite for loop

" loop that runs indefinitely because its termination condition is never meet. or is intentionally left blank. In other words, there is no condition to stop the loop, so it keeps executing forever.

#code

```
for ( ; ; ) {
        Sout(" Infinite For loop ");
}
```

★ For loop has 3 components:
initialization, condition, & update.

★ In above example:
Initialization: ommitted / skip
Condition: skip (which bydefault true)
★ Update (i++ / i--): skip

Since, there's no condition to terminate the loop, it will continue to run indefinitely, printing the message repeatedly.

#code

```
int x = 1;
for ( ; ; ) {
        System.out.println(x);
        x++;
        if (x == 6) {
            break;
        }
}
```