1. Convert each of the following for loops into an equivalent while loop.

```java
int total = 25;
for (int number = 1; number <= (total / 2); number++) {
    total = total - number;
    System.out.println(total + " " + number);
}
```

```java
int number = 4;
for (int count = 1; count <= number; count++) {
    System.out.println(number);
    number = number / 2;
}
```