Example 1.

```
1  int count = 0;
2
3  void example1(int n) {
4      for (int i = 0; i < n; i++)
5          count++;
6  }
```

Example 2.

```
1  void example2(int n) {
2      for (int i = 0; i < n; i++) {
3          for (int j = 0; j < n; j++)
4              count++;
5      }
6  }
```

Example 3.

```
1  void example3(int n) {
2      for (int i = 0; i < n; i++) {
3          for (int j = i; j < n; j++)
4              count++;
5      }
6  }
```

Example 4.

```
void example4(int n) {
    for (int i = 0; i * i < n; i++)
        count++;
}
```

Example 5.

```
void example5(int n) {
    for (int i = 1; i < n; i += i)
        count++;
}
```

Example 6.

```
void example6(int n) {
    for (int i = n * n * n; i > 0; i /= 3)
        count++;
}
```

Example 7.

```
void example7(int n) {
    for (int i = 0; i < n; i += 5)
        count++;
}
```

Example 8.

```
void example8(int n) {
    int m = 0;
    int i = n;
    while (i > 0) {
        i /= 4;
        m++;
    }

    for (i = 0; i < n * m; i++)
        count++;
}
```

Example 9.

```
void example9(int n) {
    for (int i = 0; i < n * n; i++) {
        for (int j = 0; j * j * j < n; j++)
            count1++;
        for (int j = 1; j < n; j *= 2)
            count2++;
    }
}
```