

Example 1

```
double mean(int a[], int n) {  
    sum = 0;           (line 1)  
    i = 0;             (line 2)  
    while (i < n) {    (line 3)  
        sum += a[i];   (line 4)  
        i++;           (line 5)  
    }  
    return sum/n;      (line 6)  
}
```

Example 2

```
for (int i = 0; i < n; i++) {  
    System.out.println("Hello world!")  
}
```

Example 3

```
for (int i = 0; i < n; i++) {  
    for (int j = 0; i < n + 25; j++) {  
        System.out.println("Hello world!")  
    }  
}
```

Example 4

```
for (int i = 0; i < n; i++)  
    a[i]=0;  
  
for (int i = 0; i < n; i++) {  
    for (int j = 0; i < n + 25; j++) {  
        System.out.println("Hello world!")  
    }  
}
```

| | |
|---|----|
| <pre>sum=0; for (int i=0; i<n; i++) sum++;</pre> | #1 |
| <pre>sum=0; for (int i=0; i<n; i++) for (int j=0; j<n; j++) sum++;</pre> | #2 |
| <pre>sum=0; for (int i=0; i<n; i++) for (int j=0; j<n*n; j++) sum++;</pre> | #3 |
| <pre>sum=0; for (int i=0; i<n; i++) for (int j=0; j<i; j++) sum++;</pre> | #4 |
| <pre>sum=0; for (int i=0; i<n; i++) for (int j=0; j<i*i; j++) for (int k=0; k<j+100; k++) sum++;</pre> | #5 |
| <pre>x=n; sum=0; while(x>0){ sum++; x=x/2; }</pre> | #6 |
| <pre>sum=0; for (int i=1; i<n; i*=2) sum++;</pre> | #7 |
| <pre>for (int i=0; i<n; i+=2){ sum++; } for (int j=0; j<n; j++){ sum++; }</pre> | #8 |