

Which are infinite loops?

Mark with a T (terminate) or an I (infinite)!

Loop 1 (JS)

```
let i = 3;
let j = 5;
do {
  j *= 2;
  i -= 1;
} while (j + i < j - 1);
```

Loop 2 (JS)

```
let i = 123768;
while (i != 1) {
  i = i / 10;
}
```

Loop 3 (JS)

```
let j = -10;
while (j < 80);
j *= -2;
```

Loop 4 (Java)

```
int i = -1;
while (i != 0) {
  i--;
}
```

Loop 5 (Java)

```
int i = 81;
int j = 625;
while (i != j) {
    j = j / 5;
    i = i / 3;
}
```

Loop 6 (C)

```
int a = 0;
while (a < 10) {
    printf("%d\n", a);
    if (a == 5)
        printf("a equals 5!\n");
    a++;
}
```

Loop 7 (C)

```
float x = 0.1;
while (x != 1.1) {
    printf("x = %f\n", x);
    x = x + 0.1;
}
```

