

#include <stdio.h>

```
int main(void) {
    1int i = 1;
    2468
    while (i <= 3) {
    357printf("%d ", i);
        i++;
    }

    9return 0;
}
```

- 1 i set to 1
- 2 i(==1) is less than 3
- 3 prints i(=1);
make i = i + 1 = 2;
- 4 i(==2) is less than 3
- 5 prints i(=2);
make i = i + 1 = 3;
- 6 i(==3) is equal to 3
- 7 prints i(=3);
make i = i + 1 = 4;
- 8 i(==4) is greater than 3
- 9 exit the program

#include <stdio.h>

```
int main(void) {
    1int i = 1;

    do {
    246printf("%d ", i);
        i++;
    } while (i <= 3);

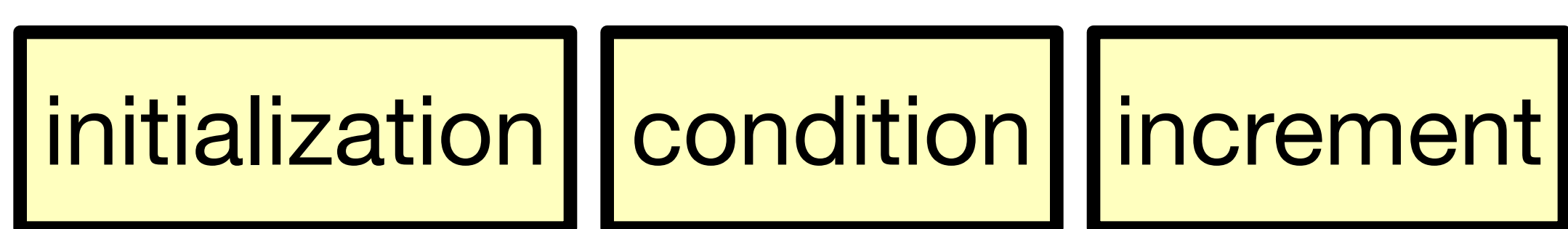
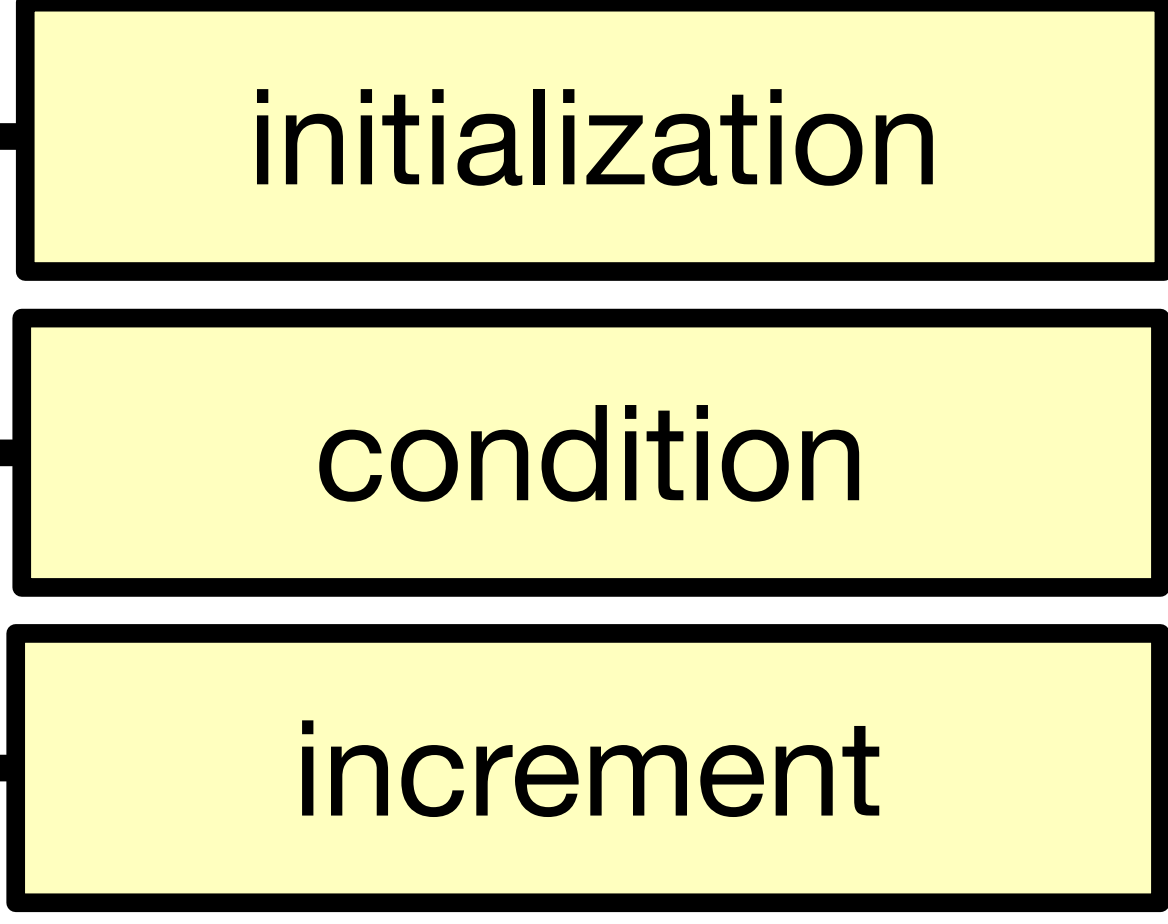
    8return 0;
}
```

- 1 i set to 1
- 2 prints i(=1);
make i = i + 1 = 2;
- 3 i(==2) is less than 3
- 4 prints i(=2);
make i = i + 1 = 3;
- 5 i(==3) is equal to 3
- 6 prints i(=3);
make i = i + 1 = 4;
- 7 i(==4) is greater than 3
- 8 exit the program

#include <stdio.h>

```
int main(void) {
    int i = 1;
    while (i <= 3)
        printf("%d ", i);
        i++;

    return 0;
}
```

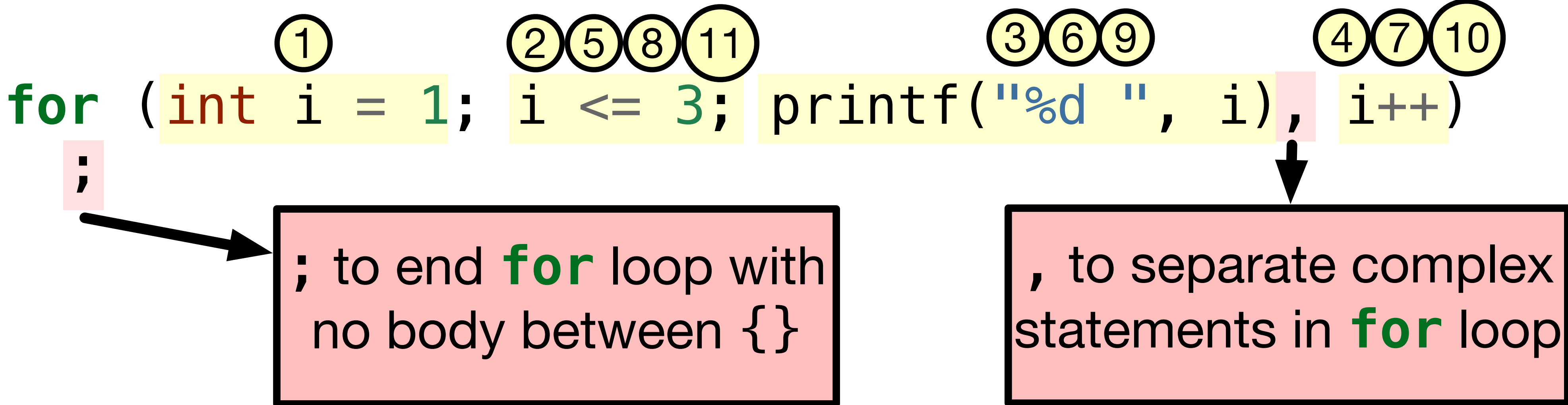


#include <stdio.h>

```
int main(void) {
    1
    for (int i = 1; i <= 3; i++) {
    369printf("%d ", i);
    }

    12return 0;
}
```

- 1 i set to 1
- 2 i(==1) is less than 3
- 3 prints i(=1);
- 4 make i = i + 1 = 2;
- 5 i(==2) is less than 3
- 6 prints i(=2);
- 7 make i = i + 1 = 3;
- 8 i(==3) is equal to 3
- 9 prints i(=3);
- 10 make i = i + 1 = 4;
- 11 i(==4) is greater than 3
- 12 exit the program



- 1 i set to 1
- 2 i(==1) is less than 3
- 3 prints i(=1);
- 4 make i = i + 1 = 2;
- 5 i(==2) is less than 3
- 6 prints i(=2);
- 7 make i = i + 1 = 3;
- 8 i(==3) is equal to 3
- 9 prints i(=3);
- 10 make i = i + 1 = 4;
- 11 i(==4) is greater than 3
exit the loop

