



```
#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);  
    ③⑤⑦  
  
  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

