



```
#include <stdio.h>
```

```
int main(void) {
```

```
① int i = 1;
```

```
②④⑥⑧
```

```
while (i <= 3) {
```

```
③⑤⑦ printf("%d ", i);
```

```
    i++;
```

```
}
```

```
⑨ return 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

