```
initialization condition increment
 #include << tdio.h>
 int main(vvid) {
    for (int i = 1; i <= 3; i++)
(3)(6)(9) printf("%d", i);
    return 0;
```

```
i set to 1
  i(==1) is less than 3
   prints i(=1);
   make i = i + 1 = 2;
(5) i(==2) is less than 3
6) prints i(=2);
7) make i = i + 1 = 3;
   i(==3) is equal to 3
   prints i(=3);
   make i = i + 1 = 4;
11) i(==4) is greater than 3
```

exit the program