```
main.c

1  #include <stdio.h>
2
3  int main(void) {
4    int count = 1;
5    while(count<=4){
6        printf("%d", count);
7        count+;
8    }
9    return 0;
10 }</pre>
Console Shell

count = 1m - 0 main main.c

comain main.c

comain main.c

count = 1m - 0 main main.c

comain main
```

Exercise 2

Exercise 3

```
main.c
                                                                                                                              Console
                                                                                                                            clang-7 -pthread -lm -
./main
guess the answer: 40
guess the answer: 42
the number is higher tha
the number is lower than
      int main(){
           int answer = 41;
          int guess;
          int tries = 0;
                                                                                                                             guess the answer: 41
                                                                                                                             tries = 3
               printf("guess the answer: ");
               scanf("%d", &guess);
               tries++;
               if(guess > answer)
                   printf("the number is higher than answer\n");
                if(guess > answer)
                   printf("the number is lower than answer\n");
          }while(guess != answer);
          printf("tries = %d\n", tries);
```

Exercise 6

```
Console
                                                                                    clang-7 -pth
int main(){
                                                                                    ./main
   for(int i=1; i<7; i++){
                                                                                    ****
      for(int j=0; j<i; j++){
                                                                                    *****
          printf("**");
                                                                                    *****
                                                                                    *****
      printf("\n");
                                                                                    *****
                                                                                    > []
   return 0;
```

```
Console
main.c
                                                                                                                                                                                                                                                                                                                                                                                clang-
./mair
40
1
2
3
4
5
6
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9
10
11
12
13
14
15
16
17
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19
20
21
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37
38
                  int main(){
                               intn(){
intn(){
    scan[f("%d", &n);
    for(int i=1; i<n+1; i++){
        printf("%d\n",i);
    }
}</pre>
                                                                                                                                                                                                                                                                                                                                                                                       39
40
```

```
Console
main.c
                                                                                                                                   : clang-7
./main
40
        scanf("%d", &n);
                                                                                                                                  for(int i=0; i<n+1; i++){

for(int i=0; i<n+1; i++){

printf("%d\n",n-Sii);

}

return 0;

}
                                                                                                                                   0
```

```
main.c

1 #include<stdio.h>
2 int main(){
3     int n;
4     scanf("%d", &n);
5     for(int i=1; i<10; i++){
6          printf("%d * %d = %d\n", n, i, i*n);
7     }
8     return 0;
9 }
```