

Lab 1

```
[hello world!s21500630@peace:~/temp$ ./hello.sh
*****
*      HELLO PROGRAM      *
*****
@compiling...
@run :
hello world!!!

@done !
s21500630@peace:~/temp$
```

Lab 2

star.c

```
1  !/bin/bash
2
3  echo "*****"
4  echo "*  Star Program  *"
5  echo "*****"
6
7  echo "@compiling..."
8
9  gcc star.c -o star
10
11 echo "@run: "
12
13 ./star
14
15 echo "done!"
```

star.sh

```
1  #include <stdio.h>
2
3  int main (){
4      int n;
5      printf("number of stars? ");
6      scanf("%d", &n);
7      for (int i=0 ; i < n ; i++){
8          for (int j=0 ; j < n-1-i ; j++){
9              printf(" ");
10             }
11             for (int j=0 ; j < i*2+1 ; j++){
12                 printf("*");
13             }
14             printf("\n");
15         }
16
17         return 0;
18 }
```

실행결과

```
[s21500630@peace:~/temp$ ./star
number of stars? 5
  *
 ***
*****
*****
*****
```

Lab 3

makefile.sh

```
1 1 ./bin/bash
2
3 echo "*****"
4 echo "* $1 program *"
5 echo "*****"
6
7 echo "@compiling..."
8
9 gcc $1.c -o $1
10
11 echo "@run.."
12
13 ./$1
14
15 echo "Done! "
```

실행결과

```
[s21500630@peace:~/temp$ ./makefile.sh star
*****
* star program *
*****
@compiling...
@run..
number of stars? 5
  *
 ***
*****
*****
*****
Done!
```

Lab 4

makefile.sh

```
1 #!/bin/bash
2
3  echo "*****"
4  echo -n "* $1" | tr 'a-z' 'A-z'
5  echo " program *"
6  echo "*****"
7
8  echo "@compiling..."
9
10 gcc $1.c -o $1
11
12 echo "@run.."
13
14 ./$1
15
16 echo "Done! "
```

실행결과

```
*****
*  STAR2 program  *
*****
@compiling...
@run..
별의 크기는 ? 7
*           *
**          **
***         ***
****        ****
*****       *****
*****       *****
*****       *****
*****       *****
****        ****
***         ***
**          **
*           *

Done!
```