

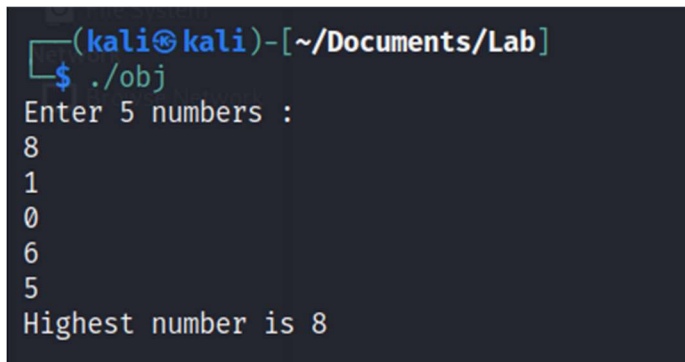
# OS Lab 2

## 11762 Muhammad Kashif

### Task 1

```
#include<stdio.h>
int main(){
int num = 0;
int num2;
int div;
int result;
char letter;
char array[6];
printf("Enter 5 numbers :\n");
for (int i = 0; i <= 4; i++){
scanf("%d",&array[i]);}
for (int i = 0; i <= 4; i++){
if(num < array[i])
{num = array[i];}}
printf("Highest number is %d",num);
return 0;}
```

### OutPut



```
(kali㉿kali)-[~/Documents/Lab]
$ ./obj
Enter 5 numbers :
8
1
0
6
5
Highest number is 8
```

### Task 2

```
#include<stdio.h>
int main(){
int num;
int num2;
int div;
float result;
printf("Kashif\n");
char star = '*';
for(int i = 5; i > 0 ; i--){
for(int j = i; j > 0 ; j--){
printf("%c", star);}
printf("\n");}return 0;}
```

## Output

```
(kali@kali)-[~/Documents/Lab]
$ ./obj
Kashif
*****
****
***
**
*
```

## Task 3

```
#include<stdio.h>
int main(){
int num;
int num2;
int div;
float result;
printf("Kashif\n");
printf("Please enter 2 integer: \t");
scanf("%d %d", &num, &num2);
result = num % 2;
if (result == 0){
result = num2 % 2;
if (result == 0){
result = num + num2;}
else{
result = num * num2;}}
else{
result = num * num2;}
printf("%f", result);
return 0;}
```

## Output

```
(kali@kali)-[~/Documents/Lab]
$ ./obj
Kashif
Please enter 2 integer:      4
6
10.000000

(kali@kali)-[~/Documents/Lab]
$ ./obj
Kashif
Please enter 2 integer:      7
8
56.000000

(kali@kali)-[~/Documents/Lab]
$
```