

EE 154 Laboratory 2

Question1:

Write a C program to find max of 5 numbers entered by the user.

```
#include "stdio.h"
#include "conio.h"

int main() {

    // find max of 5 numbers entered by the user.
    int n=0 , num , max ;

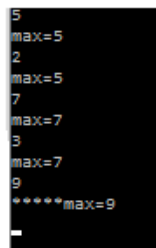
    scanf("%d" , &num );
    max = num ;

    while (n<5-1) {
        printf("max=%d\n" , max);

        scanf("%d" , &num );

        if(num > max)
            max = num ;

        n++ ;
    }
    printf("*****max=%d\n" , max );
    getch();
    return 0;
}
```



```
5
max=5
2
max=5
7
max=7
3
max=7
9
*****max=9
_
```

Question2:

Write a C program to calculate the power of the two numbers entered by the user.

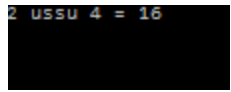
```
#include "stdio.h"
#include "conio.h"

int main() {
    // calculate power a^b
    int a=2 , b=4 , i ;
    int r ;
    r=1 ;

    for( i=0 ; i<b ; i++ )
        r = r*a ;

    printf("%d ussu %d = %d \n" , a, b, r );

    getch();
    getch();
    return 0;
}
```



```
2 ussu 4 = 16
```