

13. To Convert decimal no. to its equivalent binary no.

```
#include <stdio.h>
#include <conio.h>
#include <math.h>
void main ()
{
    int no, dig, bin = 0, c = 0;
    printf ("Enter a decimal no");
    scanf ("%d", &no);
    while (no > 0)
    {
        dig = no % 2;
        bin = bin + pow (10, c) * dig;
        no /= 2;
        c = c + 1;
    }
    printf ("%d", bin);
}
```

Appointments Meetings

(13)<sub>10</sub> Decimal to Binary

	Quotient	Remainder
13 ÷ 2	6	1
6 ÷ 2	3	0
3 ÷ 2	1	1
1 ÷ 2	0	1

(1101)<sub>2</sub> Ans.

Sunday 30