

## Extra 1

```
//Extra1 . Develop a C program to print multiples of n from 1 to 100.
#include<stdio.h>
int main(){
    int n;
    printf("Enter n : ");
    scanf("%d",&n);
    for(int i=1;i<=100;i++){
        if(i%n==0)
            printf("%dx%d = %d\n",n,i/n,i);
    }
}
```

```
[umangs-MacBook-Air-2:desktop umanggoel$ gcc extra_1.c
[umangs-MacBook-Air-2:desktop umanggoel$ ./a.out
Enter n : 3
3x1 = 3
3x2 = 6
3x3 = 9
3x4 = 12
3x5 = 15
3x6 = 18
3x7 = 21
3x8 = 24
3x9 = 27
3x10 = 30
3x11 = 33
3x12 = 36
3x13 = 39
3x14 = 42
3x15 = 45
3x16 = 48
3x17 = 51
3x18 = 54
3x19 = 57
3x20 = 60
3x21 = 63
3x22 = 66
3x23 = 69
3x24 = 72
3x25 = 75
3x26 = 78
3x27 = 81
3x28 = 84
3x29 = 87
3x30 = 90
3x31 = 93
3x32 = 96
3x33 = 99
```

## Extra 2

```
//2. Develop a C program to enter a number and calculate the sum of its digits.
#include <stdio.h>
int main(){
    int n,s=0,a;
    printf("Enter n : ");
    scanf("%d",&n);
    while(n!=0){
        a = n%10;
        s+=a;
        n/=10;
    }
    printf("%d\n",s);
}
```

```
[umangs-MacBook-Air-2:desktop umanggoel$ gcc extra_2.c
[umangs-MacBook-Air-2:desktop umanggoel$ ./a.out
Enter n : 2534
14
```

### Extra 3

```
//accept an integer n.print the highest number among the digits of the given number
#include<stdio.h>
int main(){
    int n,s=0,max=0,a;
    printf("Enter n : ");
    scanf("%d",&n);
    while(n!=0){
        a = n%10;
        if(a>max)
            max = a;
        n/=10;
    }
    printf("%d\n",max);
}
```

```
umangs-MacBook-Air-2:desktop umanggoel$ gcc extra_3.c
umangs-MacBook-Air-2:desktop umanggoel$ ./a.out
Enter n : 3452
5
```