

### **1.Develop a C program to print multiples of n from 1 to 100**

```
#include<stdio.h>

#include<conio.h>

void main()

{

int n,i;

clrscr();

printf("\nEnter the number: ");

scanf("%d",&n);

for(i=1;i<=100;i++)

{

if(i%n==0)

printf("%d \t",i);

}

getch();

}
```

## OUTPUTS

Enter the number: 5

5	10	15	20	25	30	35	40	45	50
55	60	65	70	75	80	85	90	95	100

Enter the number: 10

10	20	30	40	50	60	70	80	90	100
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Enter the number: 12

12	24	36	48	60	72	84	96
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**2.Develop a C program to enter a number and calculate the sum of its digits.**

```
#include<stdio.h>

#include<conio.h>

void main()
{
int a,b,sum=0;
clrscr();
printf("\nEnter the number: ");
scanf("%d",&a);
while(a>0)
{
b=a%10;
sum=sum+b;
a=a/10;
}
printf("The sum is %d",sum);
getch();
}
```

## OUTPUTS

```
Enter the number: 123
The sum is 6
```

```
Enter the number: 5434
The sum is 16
```

```
Enter the number: 5679
The sum is 27_
```

**3.Develop a C program to enter a number and find the largest digit of the number.**

```
#include<stdio.h>

#include<conio.h>

void main()

{

int a,b,largest=0;

clrscr();

printf("\nEnter the number: ");

scanf("%d",&a);

while(a>0)

{

b=a%10;

if(largest<b)

largest=b;

a=a/10;

}

printf("The largest digit is %d",largest);

getch();

}
```

## OUTPUTS

```
Enter the number: 3425  
The largest digit is 5
```

```
Enter the number: 6743  
The largest digit is 7
```

```
Enter the number: 9876  
The largest digit is 9_
```