

```
printf ("%d\n", ans);  
}
```

```
#include < stdio.h>  
#include < conio.h>  
void main()  
{  
    int n, rem, sum = 0  
    clrscr = 0;  
    printf ("Enter a value : \n");  
    scanf ("%d", & n);  
    while (n > 0)  
    {  
        rem = n % 10%;  
        sum = sum + rem;  
        n = n / 10%;  
    }  
}
```

```
printf ("sum of digits is : %d\n", sum);  
getch();  
}
```

Output

```
sum of digits 8234  
= 9
```

```
#include < stdio.h>  
#include < conio.h>  
void main()  
{  
    int num, rem, rev;  
    clrscr;  
    printf ("Enter a number");  
    scanf ("%d", & n);  
    while (n != 0) {
```

```
8 = n % 10;  
rev = (rev * 10) + 8;  
n = n / 10;  
}  
printf ("the reverse number is %d", rev);  
getch();
```

Output:-

```
Enter a number = 123  
= 321
```

```
③ #include <stdio.h>  
#include <conio.h>  
void main()  
{  
    int a, b;  
    a = 10;  
    b = 20;  
    printf ("Before swap a=%d", a, b);  
    scanf ("%d", &a, &b);  
    a = a + b;  
    b = a - b;  
    a = a - b;  
    printf ("After swap a=%d, b=%d", a, b);  
    getch();  
}
```

Output:-

```
Before swap a=10, b=20  
a = 10 + 20 = 30  
b = 30 - 20 = 10  
a = 30 - 10 = 20  
After swap a=20, b=10
```