

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

```
1) #include <stdio.h>  
#include <conio.h>  
void main()  
{  
    int n, rem, sum = 0;  
    clrscr();  
    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 1234  
= 9

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

```

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

```

output:-

~~22~~ 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, b=%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