

59) Write a program to display sum of digits of given integer number.

```
-> #include <stdio.h>
```

```
void main()
```

```
{
```

```
int num, digit, sd = 0;
```

```
clrscr();
```

```
printf("\n Enter an integer Number:");
```

```
scanf("%d", &num);
```

```
while (num > 0)
```

```
{
```

```
digit = num % 10;
```

```
sd += digit;
```

```
num = num / 10;
```

```
}
```

```
printf("\n Sum of digits: %d", sd);
```

```
getch();
```

```
}
```

output:

Enter an integer number: 5423

Sum = 14