

1. > write a program to find the reverse of a number.
e.g. = Input - 124, Output - 421.

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

```
int main ( )
```

```
{
```

```
    int num, rem, rev = 0;
```

```
    printf("Enter a number: ");
```

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

```
    while (num != 0)
```

```
    {
```

```
        rem = num % 10;
```

```
        rev = rev * 10 + rem;
```

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

```
    }
```

```
    printf("Reverse = %d", rev);
```

```
    return 0;
```

```
}
```

Output:-

Enter a number: 4761

Reverse = 1674

2/ write a program to find the sum of n natural numbers.
eg. - Input: n , Output: $(1+2+3+\dots+n)$.

```
#include <stdio.h>

int main()
{
    int num, sum = 0;
    printf("Enter a number: ");
    scanf("%d", &num);
    for (int i = 1; i <= num; i++)
    {
        sum += i;
    }
    printf("Sum of first %d number is %d", num, sum);
    return 0;
}
```

Output: -

Enter a number: 10

Sum of first 10 numbers is 55