

25/11/25

1) program to check Strong number.

```
A #include <stdio.h>
int main() {
    int num, temp, rem, factorial, i, sum = 0;
    printf("Enter a number:");
    scanf("%d", &num);
    temp = num;
    while (temp > 0) {
        rem = temp % 10;
        factorial = 1;
        for (i = 1; i <= rem; i++) {
            factorial * = i;
        }
        sum + = factorial;
        temp / = 10;
    }
    if (sum == num)
        printf("%d is a strong number.", num);
    else
        printf("%d is not a strong number.", num);
    return 0;
}
```

Output:-

OPPO F27 5G  
Ongole | 25 November 2025 at 19:32  
Enter a number : 145  
145 is a strong number.

2) Program to check Perfect number.

A) 

```
#include <stdio.h>
int main() {
    int num, i, sum = 0;
    printf("Enter a number: ");
    scanf("%d", &num);
    for (i = 1; i < num; i++) {
        if (num % i == 0) {
            sum += i;
        }
    }
    if (sum == num)
        printf("%d is a perfect number.", num);
    else
        printf("%d is not a perfect number.", num);
    return 0;
}
```

Output: -

Enter a number : 28

28 is a perfect number.