

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

Enter a number : 145

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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.