

1. Strong number:-

#include < stdio.h >

int factorial (int n)

{

int f = 1;

for (int i = 2; i <= n; ++i) f *= i;

return f;

}

int main ()

long num;

printf ("Enter a number: ");

if (scanf ("%d", &num) != 1) return 0;

long original = num;

long sum = 0;

if (num < 0) num = -num;

while (num > 0) {

int d = num % 10;

sum += factorial (d);

num /= 10;

}

if (sum == original)

printf ("%d is a Strong number.\n", original);

else

printf ("%d is NOT a Strong number.\n", original);

return 0;

}

2. Perfect number:

```
# include <stdio.h>
int main () {
    int num, i, sum = 0;
    printf ("Enter a number:");
    scanf ("%d", &num);
    for (i=1; i<=num/2; i++) {
        if (num % i == 0) {
            sum += i;
        }
    }
    if (sum == num)
        printf ("%d is a perfect number.\n", num);
    else
        printf ("%d is not a perfect number.\n", num);
    return 0;
}
```