

Strong number

```
#include <stdio.h>

int main() {

    int num, temp, digit, fact, sum = 0;

    printf("Enter a number: ");

    scanf("%d", &num);

    temp = num;

    while (temp > 0) {

        digit = temp % 10;

        fact = 1;

        for (int i = 1; i <= digit; i++) {

            fact *= i;

        }

        sum += fact;

        temp /= 10;

    }

    if (sum == num)

        printf("%d is a strong number", num);

    else

        printf("%d is not a strong number", num);

}
```

```
    sum += fact;

    temp /= 10;

}

if (sum == num)

printf("%d is a Strong Number\n", num);

else

printf("%d is NOT a Strong Number\n", num);

return 0;

}
```

PERFECT NUMBER

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

```
int main() {  
  
    int num, sum = 0;  
  
    printf("Enter a number: ");  
  
    scanf("%d", &num);  
  
    for (int 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;  
}
```