

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\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;  
  
}
```