1.Write a c program given number is Strong Number or not ?

```c
#include <stdio.h>
int main() {
    int num, sum = 0, temp, digit, fact;
    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;
}
```

Input: 145

Output: 145 is a strong number.

Reason: 1! + 4! + 5! = 1 + 24 + 120 = 145

2. Write a c program given number is perfect number or not ?

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

```c
void main()
{
int i, n, sum=0;
scanf("%d",&n);
for (i=1;i<n;i++)
{
if(n%i==0)
{
sum=sum+i ;
}
}
if(sum==n)
printf("%d is perfect number",sum);
else
printf("not a perfect number");
}
```

Input: 6

Output: 6 is a perfect number