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(i) #include <stdio.h>
long factorial(int n){
    long fact = 1;
    for(int i=1; i<=n; i++){
        fact *= i;
    }
    return fact;
}
int main(){
    int num, OriginalNum, remainder, sum = 0;
    printf("Enter a positive integer:");
    scanf("%d", &num);
    OriginalNum = num;
    while(num != 0){
        remainder = num % 10;
        sum += factorial(remainder);
        num /= 10;
    }
    if (sum == OriginalNum){
        printf("%d is a strong number.\n", OriginalNum);
    } else{
        printf("%d is not a strong number.\n", OriginalNum);
    }
    return 0;
}

```

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