

```
#include <stdio.h>
int main() {
    int num, temp, rem, Factorial, i, sum = 0;
    printf("Enter a number:");
    scanf("%d", &num);
    temp = num;
    while (temp > 0) {
        rem = temp % 10;
        Factorial = 1;
        for (i=1; i <=rem; i++) {
            Factorial *= i;
        }
        sum += Factorial;
        temp /= 10;
    }
    if (sum == num)
        printf("%d is a strong number.", num);
    else
        printf("%d is not a strong number.", num);
    return 0;
}
```

2) Program to check perfect number

```
#include <stdio.h>
int main() {
    int num, i, sum = 0;
    clrscr();
    printf("Enter a number:");
    scanf("%d", &num);
    for (i=1; i<num, i++) {
        if (num % i == 0) {
            sum += i;
        }
    }
    if (sum == num)
```

```
    printf ("%d is a perfect number.", num);
else
    printf ("%d is not a perfect number", num);
return 0;
}
```