

program's

strong Number

```
#include <stdio.h>

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int main() {
    int num, temp, rem, fact, i, sum = 0;
    printf("Enter a number:");
    scanf("%d", &num);

    temp = num;
    while (temp > 0) {
        rem = temp % 10;
        fact = 1;
        for (i = 1; i <= rem; 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);
    return 0;
}
```

C program on perfect number

```
#include <stdio.h>

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

    // find divisors
    for (int i=1; i<=num/2; i++) {
        if (num % i == 0) {
            sum += i;
        }
    }

    // check perfect number
    if (sum == num)
        printf("%d is a perfect Number.\n",
               num);
    else
        printf ("%d is not a perfect Number.\n",
               num);
}

return 0;
```

}

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