

program's

strong Number

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

```
long +
```

```
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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