## **Perfect or Not**

#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main() {

int num, sum = 0;

scanf("%d", &num);

if (num < 0) {

printf("Invalid Input\n");

} else {

for (int i = 1; i <= num / 2; i++) {

if (num % i == 0) {

sum += i;

}

}

if (sum == num) {

printf("The Number %.1f is a Perfect Number.\n", (float)num);

} else {

printf("The Number %.1f is a Not Perfect Number.\n", (float)num);

}

}

return 0;

}