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