

# include

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// Function to check perfect number int isPerfectNumber(int num) { int sum = 1; // 1 is a divisor of every number for (int i = 2; i * i <= num; i++) { if (num % i == 0) { sum += i; if (i != num / i) { sum += num / i; } } } return (sum == num); }

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

if (isPerfectNumber(num)) {
    printf("%d is a perfect number.\n", num);
} else {
    printf("%d is not a perfect number.\n", num);
}

return 0;

}
```