21.FIRST N PERFECT NUMBERS

#include <stdio.h>

#include<stdlib.h>

int isPerfect(int num)

{

int sum = 1;

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 n;

printf("Enter the value of n: ");

if(scanf("%d", &n)!= 1)

{

printf("Invalid input. Please enter a valid integer.\n");

exit(1);

}

printf("First %d perfect numbers:\n", n);

int count = 0;

int num = 2;

while (count < n)

{

if (isPerfect(num))

{

printf("%d ", num);

count++;

}

num++;

}

printf("\n");

return 0;

}

OUTPUT

