PERFECT NUMBER

#include<stdio.h>

void main()

{

int num,count=1,sum=0;

printf("enter a number:");

scanf("%d",&num);

while(count<num)

{

if(num%count==0)

{

sum=sum+count;

}

count++;

}

if(sum==num)

{

printf("\n%d is a perfect number",num);

}

else

{

printf("\n%d is not a perfect number",num);

}

}

OUTPUT:

enter a number:6

6 is a perfect number