Q. WRITE A PROGRAM TO READ A NUMBER AND TO CHECK IF TI’S A PERFECT NUMBER OR NOT.

A. #include<stdio.h>

int main()

{

int no,c,sum;

sum=0;

printf("Enter a no:");

scanf("%d",&no);

for(c=1;c<no;c++)

{

if(no%c==0)

{

sum=sum+c;

printf("The factor of %d is %d\n",no,c);

}

}

printf("The sum of all divisors is %d\n",sum);

if(sum==no)

printf("%d is a perfect number",no);

else

printf("%d is not a perfect number",no);

return 0;

}

OUTPUT:



