**C program to check perfect number**

#include<stdio.h>

int main()

{

     int number, sum=0, i=1;

     printf("Please enter a number to check perfect number\n");

     scanf("%d",&number);

     while(i<number)

     {

           if(number%i==0)

           {

               sum=sum+i;

           }

           i++;

     }

      if(sum==number)

           printf("\nEntered number %d is a perfect number",i);

     else

          printf("\nEntered number %d is not a perfect number",i);

     return 0;

}