```csharp
Console.WriteLine("please enter the number smallest");
double n1 =double.Parse(Console.ReadLine());
Console.WriteLine("Please enter the number largest");
double n2 =double.Parse(Console.ReadLine());
Console.WriteLine("__The perfect number___");

 for (double i=n1;i<=n2;i++)
 {
 double sum =0;
 for (double y=1;y<i;y++)
 {
 if (i%y==0)
 sum+=y;
 }
 if (sum==i)
 Console.WriteLine(i);
 }
```