#include<stdio.h>

int main(){

  int num,i,f,r,sum,temp;

  int min,max;

  printf("Enter minimum range: ");

  scanf("%d",&min);

  printf("Enter maximum range: ");

  scanf("%d",&max);

  printf("Strong numbers in given range are: ");

  for(num=min; num <= max; num++){

      temp = num;

      sum=0;

      while(temp){

           i=1;

           f=1;

           r=temp%10;

           while(i<=r){

             f=f\*i;

             i++;

           }

         sum=sum+f;

         temp=temp/10;

      }

      if(sum==num)

           printf("%d ",num);

  }

  return 0;

}

Sample output:

Enter minimum range: 100

Enter maximum range: 100000

Strong numbers in given range are: 145 40585