#include <stdio.h>

long long fact(int num);

void printStrongNumbers(int start, int end);

int main()

{

int start, end;

printf("Enter the lower limit to find strong number: ");

scanf("%d", &start);

printf("Enter the upper limit to find strong number: ");

scanf("%d", &end);

printf("All strong numbers between %d to %d are: \n", start, end);

printStrongNumbers(start, end);

return 0;

}

void printStrongNumbers(int start, int end)

{

long long sum;

int num;

while(start != end)

{

sum = 0;

num = start;

while(num != 0)

{

sum += fact(num % 10);

num /= 10;

}

if(start == sum)

{

printf("%d, ", start);

}

start++;

}

}

long long fact(int num)

{

if(num == 0)

return 1;

else

return (num \* fact(num-1));

}