#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main() {

int p,q,c=0;

scanf("%d",&p);

scanf("%d",&q);

int count = 0;

for (long long i = p; i <= q; i++) {

long long square = i \* i;

long long square\_copy = square;

int digCount = 0;

while (square\_copy) {

square\_copy /= 10;

digCount++;

}

digCount += digCount%2;

long long power = 10;

for (long long k = 1; k < digCount/2; k++) {

power \*= 10;

}

long long r = square % power;

long long l = square / power;

if (r + l == i) {

printf("%lld ", i);

count++;

}

}

if (count == 0) {

printf("INVALID RANGE");

}

return 0;

}