import static java.lang.System.out;

import java.util.\*;

class Logicsum

{

public static void fib (int s, int e) //7

{ int a, b, c,i;

a = 0;

b = 1;

if ((a >= s || b <= e) && (a >= s && b <= e))

out.print (a + " " + b); //0 1

for (i = 1, c = 0; c <= e; i++)

{ c = a + b;

2

3 5

7 11 13

if (c >= s && c <= e)

out.print (" " + c);

a = b;

b = c;

}

}

}

public class Main

{

public static void main (String[] abc)

{ int s,e;

Scanner sc = new Scanner (System.in);

s = sc.nextInt();

e = sc.nextInt();

Logicsum.fib (s,e);

}

}