



Introduction

Ana is a wedding planner and she is planning Nuria's wedding. Ana must know how many people will attend the wedding, so she asks the couple, Nuria and Albert, for this number. If there are fewer than 100 guests, the wedding will take place in Monestir de Sant Cugat. If there are 100 guests or more, the wedding will take place in a very big *masia* (a large country estate). Can you help Ana to decide where the wedding will take place?

Come on, help Ana!

Input

The input consists of two integers in two lines: <number for Nuria's guests> <number for Albert's guests>

Output

Print out one of the following outputs stating where the wedding will take place: The wedding will take place in Monestir de Sant Cugat.

The wedding will take place in very big masia.

Example 1

Input

50 20

Output

The wedding will take place in Monestir de Sant Cugat.

Example 2

Input

100 250

Output

The wedding will take place in very big masia.