**Ladderophilia**

Aditya is fond of ladders. Everyday he goes through pictures of ladders online but unfortunately today he ran out of ladder pictures online. Write a program to print “ladder with N steps”, which he can use to get his daily dose of ladder love.

**INPUT:**  
Input contains integer N, the number of steps in the ladder

**OUTPUT:**

Print the ladder with the gap between two side rails being 3 spaces(“   “).

Check the sample output for format of printing the ladder.

**CONSTRAINTS:**

1<=N<=40

**SAMPLE INPUT**

4

**SAMPLE OUTPUT**

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