

Three Patterns

Given two numbers N and K, output three squares with the size $N \times N$ each with their own set of rules:

- The first square is made entirely using the '#' symbol.
- The second square is made using the '.' symbol except for every K rows use the '#' symbol instead.
- The third square is made using the '.' symbol except for every K columns use the '#' symbol instead.

Also print new line (\n) after printing each square. Look at sample input/output for more clarity.

Format Input

The input consists of one line containing two numbers N and K.

Format Output

The output consists of three squares with the size $N \times N$ according to the rules stated above. Don't forget to print new line after printing each square!

Constraints

• $1 \le N, K \le 100$

Sample Input 1 (standard input)

5 2

Sample Output 1 (standard output)

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Sample Input 2 (standard input)

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Sample Output 2 (standard output)

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	. 7	#.	#	 #
	. 7	#.	#	 #
	. 7	#.	#	 #
	. 7	#.	#	 #
	. 7	#.	#	 #

Sample Input 3 (standard input)

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Sample Output 3 (standard output)

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Three Patterns

Diberikan dua buah angka N dan K, tampilkan tiga persegi berukuran $N \times N$ masingmasing dengan aturannya sendiri:

- Persegi pertama sepenuhnya terdiri dari simbol '#'.
- Persegi kedua terdiri dari simbol '.' kecuali untuk setiap K baris gunakan simbol '#'.
- Persegi ketiga terdiri dari simbol '.' kecuali untuk setiap K kolom gunakan simbol '#'.

Tampilkan juga baris baru (\n) setelah menampilkan setiap persegi. Lihat sample input/output untuk lebih jelasnya.

Format Input

Input terdiri dari satu baris yang terdiri dari dua angka N dan K.

Format Output

Output terdiri dari tiga persegi berukuran $N \times N$ sesuai dengan aturan yang telah disebutkan di atas. Jangan lupa untuk menampilkan baris baru setelah menampilkan setiap persegi!

Constraints

• $1 < N, K \le 100$

Sample Input 1 (standard input)

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Sample Output 1 (standard output)

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Sample Input 2 (standard input)

9 3

Sample Output 2 (standard output)

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Sample Input 3 (standard input)

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Sample Output 3 (standard output)

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