

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

- $1 \leq N, K \leq 100$

Sample Input 1 (standard input)

```
5 2
```

Sample Output 1 (standard output)

```
#####  
#####  
#####  
#####  
#####
```

```

.....
####
.....
####
.....

.#.#.
.#.#.
.#.#.
.#.#.
.#.#.

```

Sample Input 2 (standard input)

```
9 3
```

Sample Output 2 (standard output)

```

#####
#####
#####
#####
#####
#####
#####
#####
#####

.....
.....
#####
.....
.....
#####
.....
.....
#####

..#..#..#
..#..#..#
..#..#..#
..#..#..#

```

```
..#...#  
..#...#  
..#...#  
..#...#  
..#...#
```

Sample Input 3 (standard input)

```
1 3
```

Sample Output 3 (standard output)

```
#
```

```
.
```

```
.
```

Three Patterns

Diberikan dua buah angka N dan K , tampilkan tiga persegi berukuran $N \times N$ masing-masing 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 ($\backslash n$) 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

- $1 \leq N, K \leq 100$

Sample Input 1 (standard input)

```
5 2
```

Sample Output 1 (standard output)

```
#####  
#####  
#####  
#####
```

```
#####
```

```
.....
```

```
#####
```

```
.....
```

```
#####
```

```
.....
```

```
.#.#.
```

```
.#.#.
```

```
.#.#.
```

```
.#.#.
```

```
.#.#.
```

Sample Input 2 (standard input)

```
9 3
```

Sample Output 2 (standard output)

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
.....
```

```
.....
```

```
#####
```

```
.....
```

```
.....
```

```
#####
```

```
.....
```

```
.....
```

```
#####
```

```
..#..#..#
```

```
..#..#..#
```

```
..#..#..#
```

```
..#...#  
..#...#  
..#...#  
..#...#  
..#...#  
..#...#
```

Sample Input 3 (standard input)

```
1 3
```

Sample Output 3 (standard output)

```
#  
.  
.
```