Show a Square

Your task is to write a program called `showSquare.c` that reads in a number as an `int` , and then prints out a square of that width and height, using the character `#` .

Some examples:

```
Enter a size: 4
####
####
####
####
```

```
Enter a size: 9
#########
#########
#########
#########
#########
#########
#########
#########
#########
```

```
Enter a size: 16
################
################
################
################
################
################
################
################
################
################
################
################
################
################
################
################
```

To run some simple automated tests:

```
$ 1511 autotest showSquare
```

To run Styl-o-matic:

```
$ 1511 stylomatic showSquare.c
Looks good!
```

You'll get advice if you need to make changes to your code.

Submit your work with the *give* command, like so:

```
$ give cs1511 wk04_showSquare
```

Or, if you are working from home, upload the relevant file(s) to the `wk04_showSquare` activity on [Give Online](#).