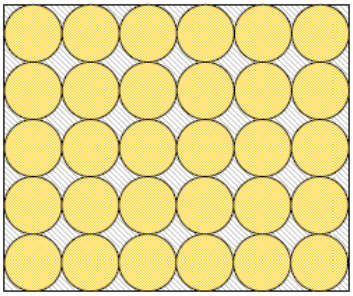
Those whose names are listed here will work on this exercise. Those whose names did not appear here, please check the other file Odometer.

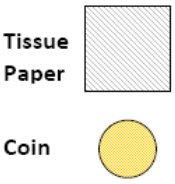
S19A	S20A	S21A
ADRAINCEM, MICHAEL ANGELO	CHIBA, SHO YANGA	AMADORA, ANGELO JOHN
ANG, RICHARD GOLDWIN GO	DE JESUS, PAOLO MIGUEL	ANDRES, JOHN JOSEPH
CENTENO, AZTEC DANIEL	MAGSANOC III, RAFAEL	BORJA, NIKKO TAYAO
CRUZ, GERARD VILLANUEVA	MATIAS, GLENN HENRICK	CARLOS, ALLEN JOSHUA
GARCIA, MARKUS JEREMI	NEYENS, KEANU ESTRADA	CHOY, MATTHEW SEAVER
LIM, THOMAS KENDRICK	NG, FRANCIS KEITH CO SO	FERNANDEZ, RYAN AUSTIN
MAGDALENO, KARL FRIEDRICH	NGO, JED LEANDER KIM	GAMAB, PAOLO GABRIEL
QUERUBIN, MATTHEW CALVIN	PANAGUITON, LUIGI ARMAND	LUDAN, IVAN MITCHELL
RAMOS, STEVEN MARCUS	PANGANIBAN, RAMON	MANUEL, MARC PAULO
SAN LUIS, JOHN PAUL TAYAG	PUA, JUSTIN LIM	NG, RICHARD ANGELO
UY, NICKOLAI CEAN CECIL	SAY, KEVIN JOSEPH CORPUS	TAN, JOHANSSON

NapkinChess

Napkin Chess is an odd game consisting of coins and tissue papers. One person, often the challenger, would fold up a tissue paper to form a rectangular playing field. Each player then alternately picks one coin and lays it on the tissue paper, making sure the coin touches another coin that is already on the paper. The last person to place a coin wins.

For this exercise, your task is only to write a program to compute how many coins can fit inside a tissue paper, if the coins were laid-out in even rows and columns, that is:





You would have to decide what inputs and outputs your program need (but it cannot be to ask how many coins can fit in 1 row and how many can fit in 1 column or how many can fit in the tissue). Take note that you are to create your own functions. You are to begin your screen output with:

```
**************************************************
```

And end with:

```
**************************************************
```

Requirement:

A. Create the following functions:

1.) `stars()` – displays 1 line of asterisks
2.) `getInput()` – gets input from user
3.) `computeNumCoins()` – returns the amount of coins that can fit given a measurement
4.) `computeOpenArea()` – returns the computed area of the uncovered portion of the napkin (i.e. the regions not covered with coins).
5.) `main()` – calls the functions and displays the result.

You may create more than the above defined functions, but those indicated are the minimum and any additional should not violate the requirements.

B. Prepare your test script to contain at least 3 test cases each for the functions computeNumCoins() and computeOpenArea(). Use the following format:

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
computeNumCoins()	1					
	2					
	3					
computeOpen Area()	1					
	2					
	3					