



level  
2

CLOUDFLIGHT  
CODING  
CONTEST

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LEVEL 2

**The drones have established an outpost within the bedrock of each asteroid. This will be the starting point of each mining operation.**

- You are given a list of asteroids with an outpost on them
- The width of the minable rectangle is always 3
- The outpost is always in the middle of the first row of the asteroid
- **For each asteroid, dig a tunnel straight down**
- Your tunnel must start after the outpost and stop before the bedrock



##S##  
#:X:#  
#:X:#  
#:X:#  
#:X:#  
#####



# Input

Name	Description	Example
N	Number of asteroids	
repeated N times	<p>Minalbe rectangle size</p> <p>The width followed by height of the minable rectangle, separated by a space</p> <p><b>Character representation</b></p> <p>A paragraph of characters            '#' represents bedrock            '.' represents a minable cell  <b>'S' represents the outpost</b></p>	<pre>2 3 4 ##S## #:;:#</pre>
	Empty line between asteroids	<pre>3 3 ##S## #:;:#</pre>

# Output

Name	Description	Example
Character representation (repeated N times)	<p>A paragraph of characters            '#' represents bedrock            '.' represents a minable cell  <b>'S' represents the outpost</b>  <b>'X' represents a tunnel cell</b></p>	<pre>##S## #:X;# #:X;# #:X;# #:X;# #####</pre>
<i>Empty lines between asteroids are recommended but optional</i>		<pre>##S## #:X;# #:X;# #:X;# #####</pre>

# Happy Mining!



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