

Word Problem: purple-star

Directions: Write a function `purple-star` that takes in the radius of a star and produces an outlined, purple star of the given radius.

Contract and Purpose Statement

Every contract has three parts...

#	<u>purple-star::</u>	<u>Number</u>	->	<u>Image</u>
	<i>function name</i>	<i>domain</i>		<i>range</i>

#	Takes in a Number for the radius and produces an Image of an outlined, purple star of that radius			
	<i>what does the function do?</i>			

Examples

Write some examples, then circle and label what changes...

examples:

<u>purple-star</u>	(<u>45</u>)	is	<u>star(45, "outline", "purple")</u>
<i>function name</i>		<i>input(s)</i>			<i>what the function produces</i>
<u>purple-star</u>	(<u>102</u>)	is	<u>star(102, "outline", "purple")</u>
<i>function name</i>		<i>input(s)</i>			<i>what the function produces</i>

end

Definition

Write the definition, giving variable names to all your input values...

```
fun purple-star(radius):  
    star(radius, "outline", "purple")  
what the function does with those variable(s)
```

end