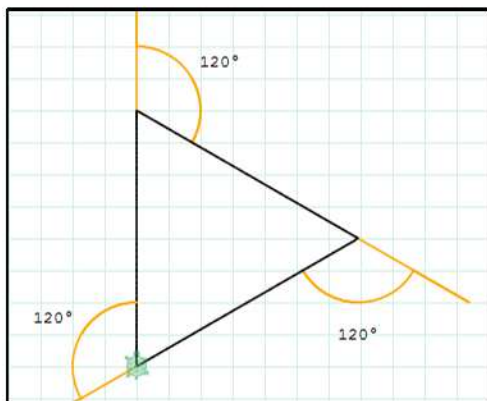


PENCIL CODE

Lesson 2 - Angles & Rotation

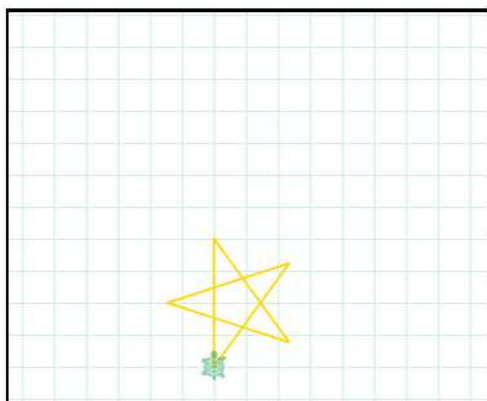
What does the first line of code in this script do?
What is the total of all of these angles? What is the significance?



triangle code

```
1 await loadscript '/lib/angles.cs', defer()  
2  
3 pen black  
4 fd 200  
5 rt 120  
6 fd 200  
7 rt 120  
8 fd 200  
9 rt 120
```

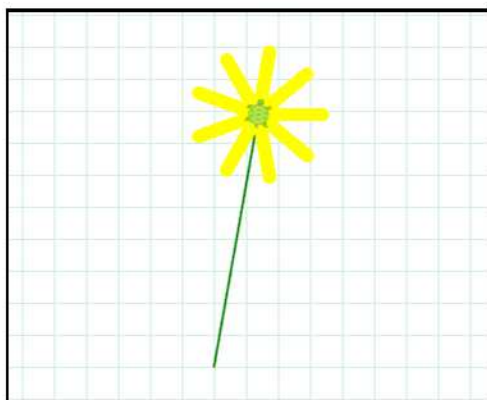
How would you make a 6 pointed star? Or a 9 pointed star?
HINT: What is the total of the 5 angles in this 5 pointed star?



star code

```
1 pen gold  
2 fd 100; rt 144  
3 fd 100; rt 144  
4 fd 100; rt 144  
5 fd 100; rt 144  
6 fd 100; rt 144  
7 |
```

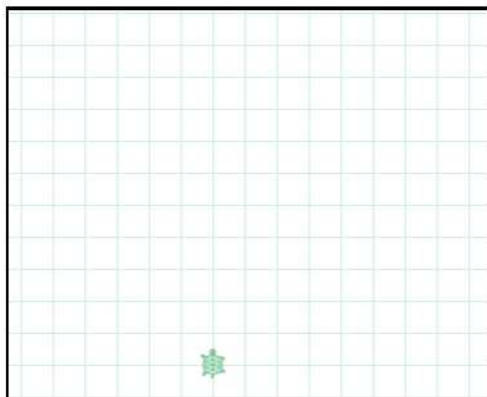
Here's the essential parts of the code for this dandelion.
How would you design your own flower?



dandelion code

```
1 "speed Infinity"  
2 pen green  
3 rt 10  
4 fd 200  
5 pen yellow, 10  
6 fd 50  
7 bk 50  
8 rt 360 / 9  
9
```

Now design your own idea and code using all you've learned about angles!



untitled code

```
1 |
```