SPIRAL TRAVERSING – LET'S ANIMATE 07

So in this program what i was doing, i was doing two things first i created a list of colours let me zoom it ok so first i created a list of colours a list colour white, yellow, brown, red, blue, green, orange, pink. Violet, grey, cyan you can give lot of colours you can check the top line, second what i was doing rather than printing the line if you just forward the, the position of the turtle it will just print a line, you can create a dot also so there is a function in order to create a dot which is known as turtle name dot dot and it will create the dot with, with the way you want to create it ok so it will create a small dot the colour we the colour we want to create so in this i am at random on the random basis i am writing different colours ok so that's that i am doing here and for that first you have to remove your lining pen not to remove lining pen you have to write a call off function which is known as penup which will penup means that it will not it will not create a simple line rather than when i will call the function dot function it will create a dot and go forward at the time of forwarding it will not print anything so penup will not after putting penup it will not print anything whenever you print when will you call a dot function it will print a dot there and move forward that's it, that's what i was doing exactly there so and every time what i was doing i was calling a random function so you can see here call randint from zero to ten, zero to ten means within these, these our spoiling colour from this list and using that colour every time so that the colour changes randomly, this is the pronoun for the pattern, it is the same pronoun which we which we which we wrote in the last video only little bit tunes up so you can create your own program you can change this so i will recommend you guys to please change the program and create your own pattern using this parallel order only you can different things also you can one more thing you can do is you can rather than going from the first element which is present at zero comma zero and going to the middle element you can start from the middle element and you go you can go in the reverse parallel order to the first element. So this program hopes like this so yeah it will show a spiral order like this with dot, you can even create some other shapes rather than dot you can see the turtle documentation you can create different shapes actually, you can create your own shape also and i am not doing anything i am just randomly changing the colours by picking up the random colour form the list of random colours which are defined as a variable and i just put it on the same program which i wrote in the last video so that's it so why to do this? Because it's just fun that's it nothing else so please post your questions and whatever problems you are facing in this regarding this video in the discussion form, we would like to help you guys to do this program, to learn interactive programming with python and please if you please i would like you guys to change this program to make something else, if you have some new ideas please please post it on discussion form. Thank you.