

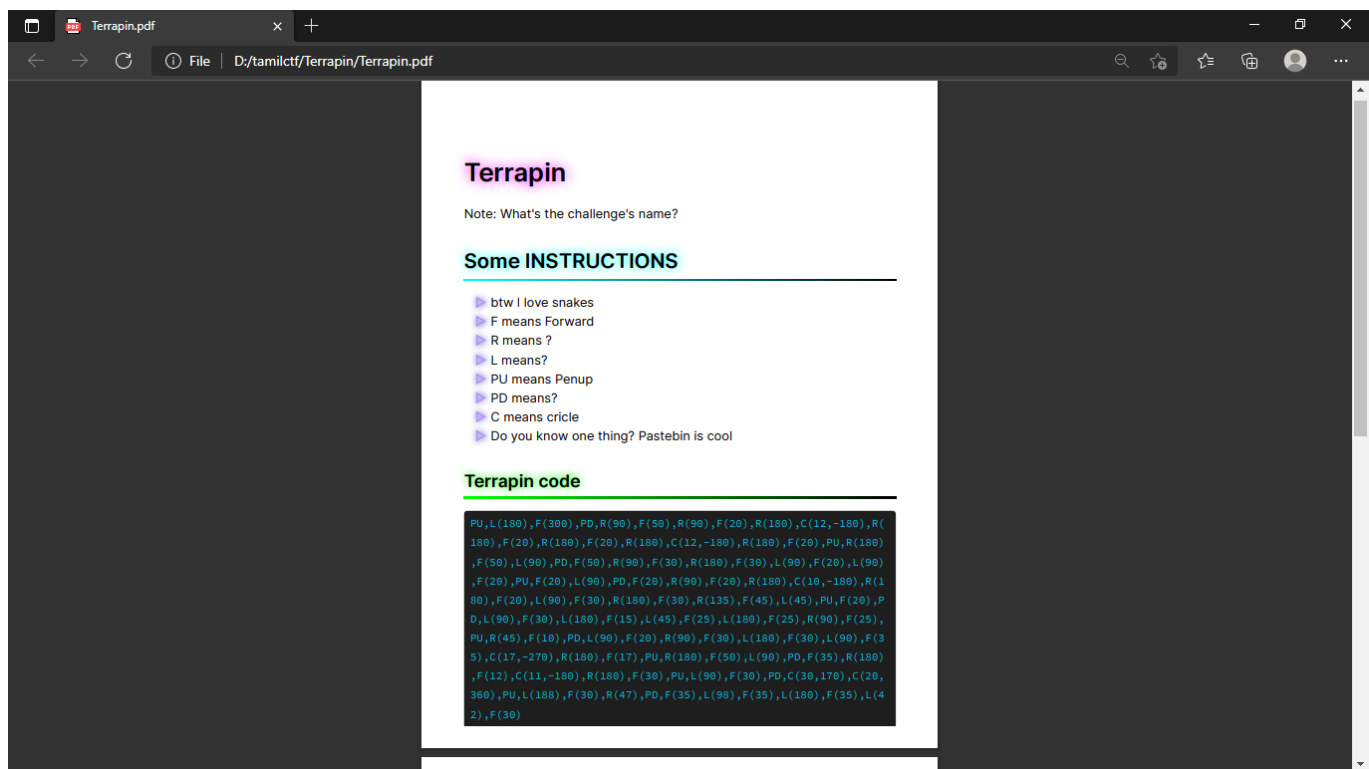
Terrapin [MISC]

Description

Pay attention to title

Writeup

- ▶ Here we got a pdf file
- ▶ Let's see what's in it :)



- ▶ Note: What's the challenge's name?
- ▶ Let's search for it in google
- ▶ Terrapin means turtles
- ▶ And by reading the instructions you can understand, the author loves snakes

- ▶ Snakes means python
- ▶ And terrapin means turtle (turtle - a module in python)
- ▶ And forward,penup,circle are the functions in turtle module
- ▶ Also they provided us a terrapin code
- ▶ Looks like we need to use this to make a program
- ▶ Little bit of googling helps you to learn this module
- ▶ It's very simple

Terrapin code

```
PU,L(180),F(300),PD,R(90),F(50),R(90),F(20),R(180),C(12,-180),R(180),F(20),R(180),F(20),R(180),C(12,-180),R(180),F(20),PU,R(180),F(50),L(90),PD,F(50),R(90),F(30),R(180),F(30),L(90),F(20),L(90),F(20),PU,F(20),L(90),PD,F(20),R(90),F(20),R(180),C(10,-180),R(180),F(20),L(90),F(30),R(180),F(30),R(135),F(45),L(45),PU,F(20),PD,L(90),F(30),L(180),F(15),L(45),F(25),L(180),F(25),R(90),F(25),PU,R(45),F(10),PD,L(90),F(20),R(90),F(30),L(180),F(30),L(90),F(35),C(17,-270),R(180),F(17),PU,R(180),F(50),L(90),PD,F(35),R(180),F(12),C(11,-180),R(180),F(30),PU,L(90),F(30),PD,C(30,170),C(20,360),PU,L(188),F(30),R(47),PD,F(35),L(98),F(35),L(180),F(35),L(42),F(30)
```

- ▶ This is the code they provided in the pdf
- ▶ You can clearly assume that these are the functions in turtle module
- ▶ We just need to replace that

They said:

- ▶ F - forward
- ▶ PU - penup
- ▶ C - circle

But there're other words too like, PD,L,R

So if you know about turtle module you can guess this that

- ▶ PD means pendown
- ▶ L means left
- ▶ R means right

THIS IS VERY EASY TO GUESS :)

Programming part

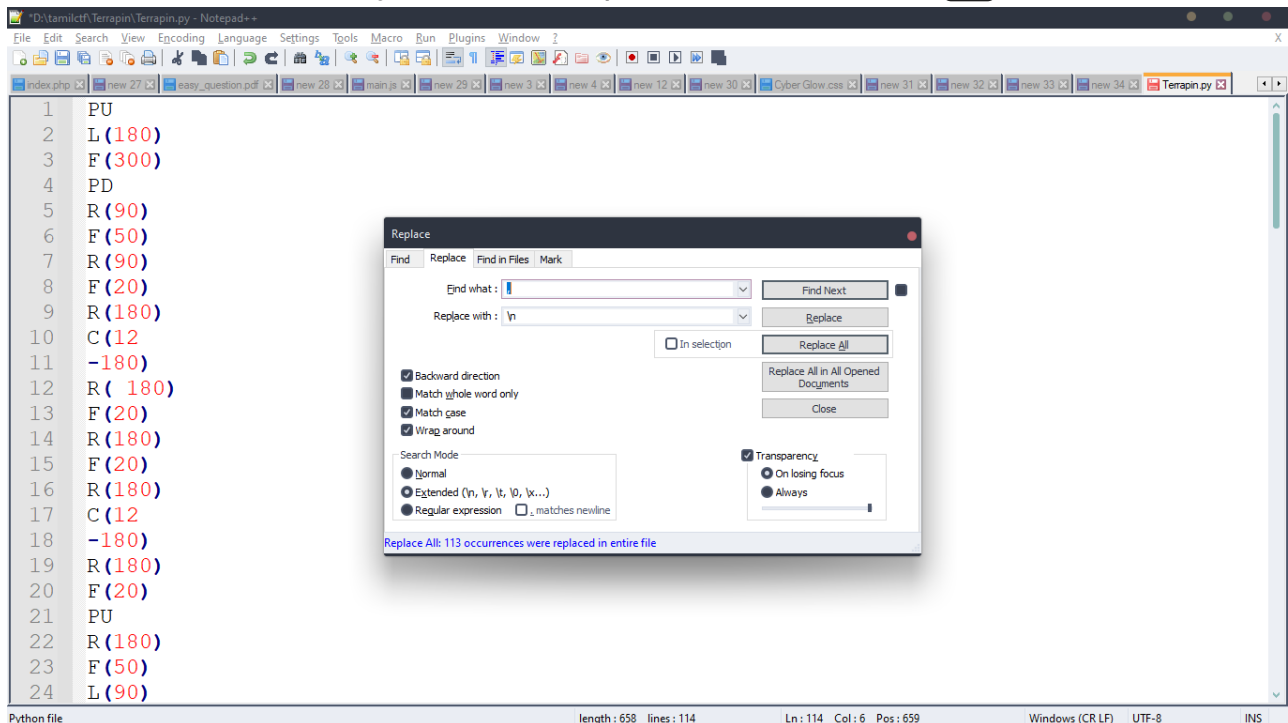
- ▶ First let's open a text editor(I'm gonna use notepad)
- ▶ copy and paste the **terrapi code** in text editor
- ▶ And start replacing

PYTHON

```
# Add these two lines first
import turtle
t = turtle.Turtle()
```



First, There're so many commas, replace commas with `\n`



- ▶ Cool done.
- ▶ Now replace **PU** with `t.penup()`
- ▶ Replace **PD** with `t.pendown()`

- ▶ Replace **F** with `t.forward`
- ▶ Replace **L** with `t.left`
- ▶ Replace **R** with `t.right`
- ▶ Replace **C** with `t.circle`

And one important thing some circle function have two values like

`t.circle(10,180)`

- ▶ So here's a comma, in starting you replaced `,` with `\n` so this function also gets affected so correct it
- ▶ Just add a comma there, that's all
- ▶ Now run your code :)

The screenshot shows a Python IDE with a file named 'Terrapin.py'. The code in the editor is as follows:

```

import turtle
t = turtle.Turtle()
t.speed(0)
1 t.penup()
2 t.left(180)
3 t.forward(300)
4 t.pendown()
5 t.right(90)
6 t.forward(50)
7 t.right(90)
8 t.forward(20)
9 t.right(180)
10 t.circle(12,-180)
11 t.right(180)
12 t.forward(20)
13 t.right(180)
14 t.forward(20)
15 t.right(180)
16 t.circle(12,-180)
17 t.right(180)
18 t.forward(20)
19 t.penup()
20 t.right(180)
21 t.forward(50)
22 t.left(90)
23 t.pendown()
24 t.forward(50)
25 t.right(90)
26 t.forward(30)
27 t.right(180)

```

The output window, titled 'Python Turtle Graphics', displays the result of the code: the text 'BFRk5n9Y' drawn in a stylized, hand-drawn font. The letter 'Y' has a small downward-pointing arrow at its base.

- ▶ WOW we got some letters [BFRk5n9Y](https://pastebin.com/BFRk5n9Y)
- ▶ What to do with these letters?
- ▶ Read the instructions in the pdf carefully
- ▶ Note the last line `Do you know one thing? Pastebin is cool`
- ▶ So this is a paste, let's see it
- ▶ pastebin.com/BFRk5n9Y put the result after /
- ▶ Now go to this link

brush - Pastebin.com

pastebin.com/BFRk5n9Y

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1. TamilCTF{7urtl3s_4r3_veRrrRyy_sl0ww}

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How to Remove Ubuntu or Other Linux from Dual Boot [Safely and Easily]
This is one of the requested tutorials and hence the video. We at It's FOSS always encourage people to use Linux and you know it folks :) But if someone really needs to remove Linux from dual boot and keep Windows, this video will help them.

RAW Paste Data

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► Cool we got our flag `TamilCTF{7urtl3s_4r3_veRrrRyy_sl0ww}`