CHALLENGE NAME : **C4NT VISUALIZE**

Description: Go to the last bench... only there you can visualize it.

You also get a tiny description:

“Go to the last bench... only there you can visualize it.”

This is the main hint. After reading it we can imagine the challenge is something related to visualizing... but what exactly?

At first glance, the 7z archive looks important because it contains the DSA experiments.

It is also password-protected, and from the challenge description we already know the password format is: **ICB{XXXX}.**

We can also find a flag file format name file after going to kali and checking the file format we came to know that it’s ELF file

Now what is an ELF file?

An **ELF file** is basically the **Linux version of a Windows .exe file**.

- On Windows → programs end with **.exe**
- On Linux → programs are usually **ELF files**

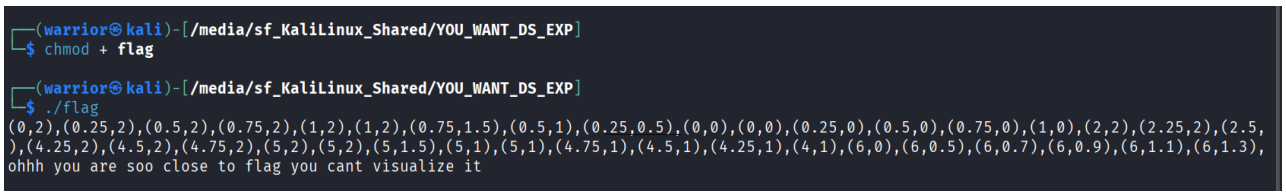
You run them like this:

./fileName

An ELF file contains:

- the program’s code
- text the program prints
- hidden data (common in CTFs)

Now that we know what an ELF file is, let's try running it on Kali and see what’s hidden inside.



We got the Output as –

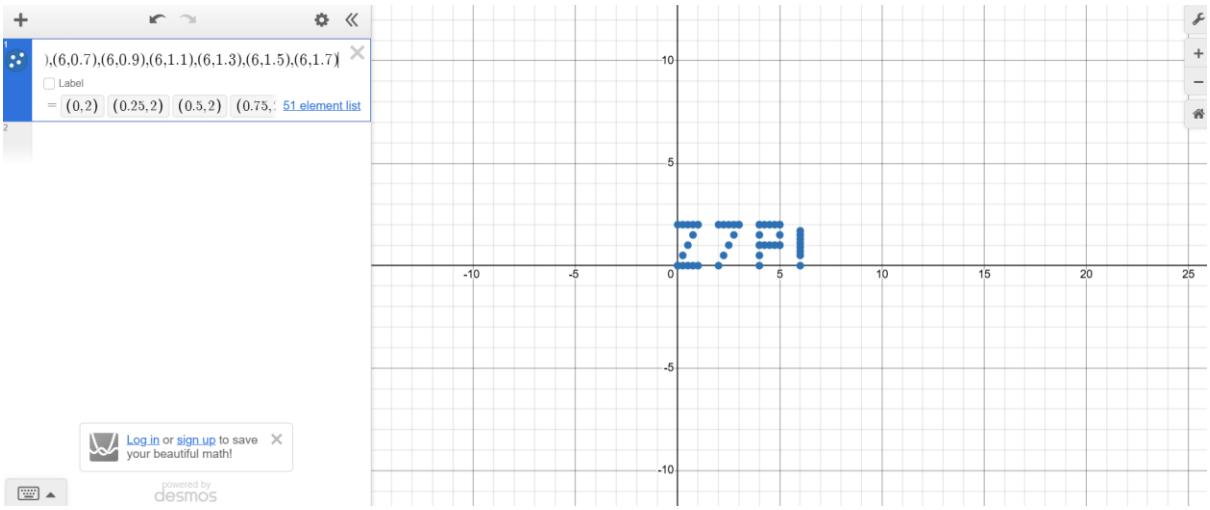
(0,2),(0.25,2),(0.5,2),(0.75,2),(1,2),(1,2),(0.75,1.5),(0.5,1),(0.25,0.5),(0,0),(0,0),(0.25,0),(0.5,0),(0.75,0),(1,0),(2,2),(2.25,2),(2.5,2),(2.75,2),(3,2),(3,2),(2.75,1.5),(2.5,1),(2.25,0.5),(2,0),(4,0),(4,0.5),(4,1),(4,1.5),(4,2),(4,2),(4.25,2),(4.5,2),(4.75,2),(5,2),(5,2),(5,1.5),(5,1),(5,1),(4.75,1),(4.5,1),(4.25,1),(4,1),(6,0),(6,0.5),(6,0.7),(6,0.9),(6,1.1),(6,1.3),(6,1.5),(6,1.7)

ohhh you are soo close to flag you cant visualize it

Looking at the output and the hint ("visualize"), we know it has something to do with visualization... but what?

Looking closely, we can see these numbers look like coordinates.

Try plotting them on a graph — you can use Demos or any other tool.

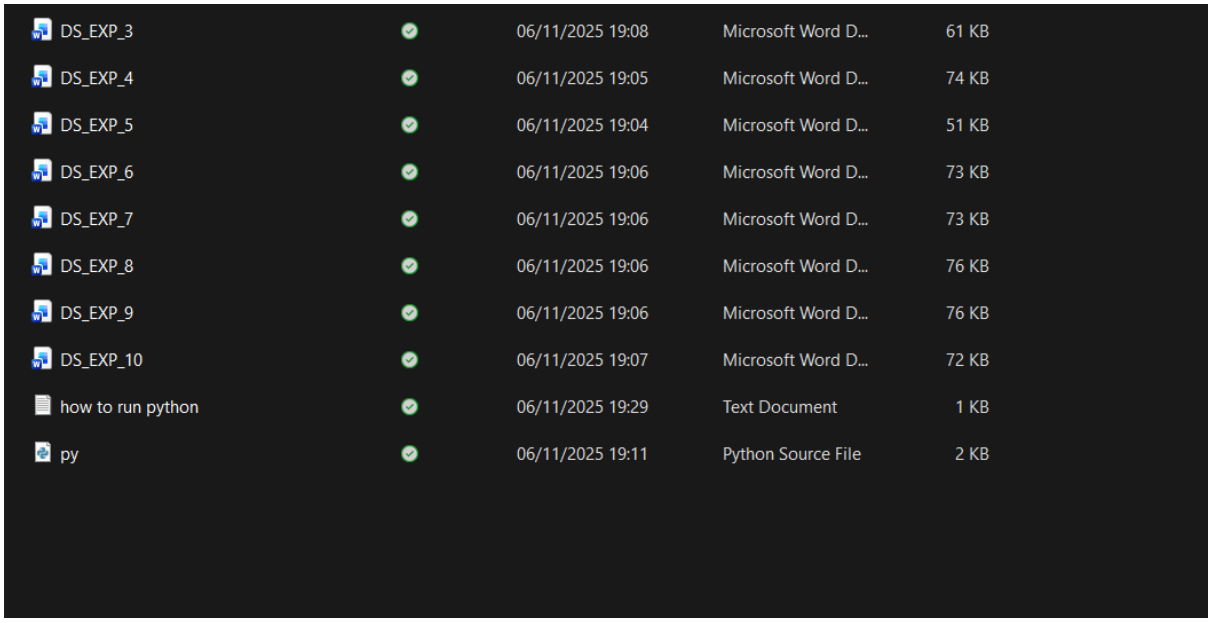


We can clearly see it plots "Z7P!".

So the password for the 7z file is: ICB{Z7P!}

Now its time to open file and take the DS experiment

```
┌──(warrior㉿kali)-[/media/sf_KaliLinux_Shared/YOU_WANT_DS_EXP]
└─$ 7z x DS_ALL_EXP\ CRACKMEEE.7z

7-Zip 25.01 (x64) : Copyright (c) 1999-2025 Igor Pavlov : 2025-08-03
 64-bit locale=en_IN Threads:10 OPEN_MAX:1024, ASM

Scanning the drive for archives:
1 file, 222999 bytes (218 KiB)

Extracting archive: DS_ALL_EXP CRACKMEEE.7z
--
Path = DS_ALL_EXP CRACKMEEE.7z
Type = 7z
Physical Size = 222999
Headers Size = 407
Method = LZMA2:768k 7zAES
Solid = +
Blocks = 1


Enter password (will not be echoed):
Everything is Ok

Folders: 1
Files: 10
Size:       567741
Compressed: 222999
```

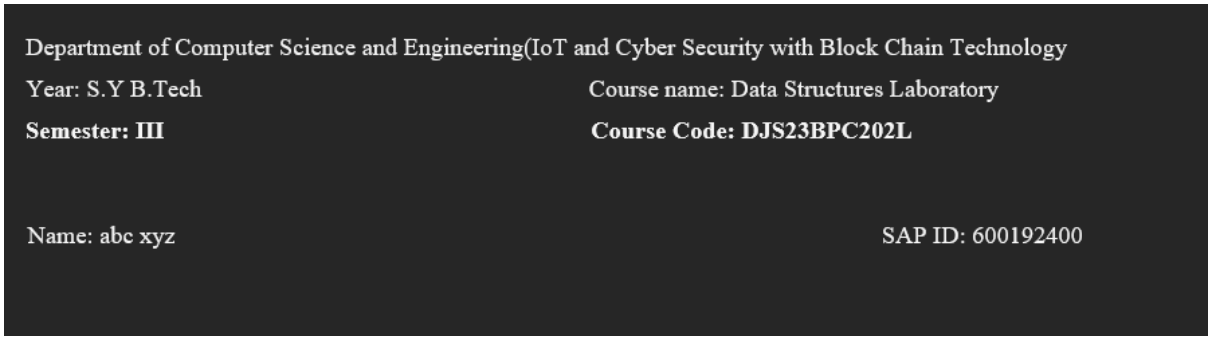


Woahh! We finally got all the DSA experiments.

Now to change the Name and SAP ID, run the Python file.

And done the Name and SAP ID are now updated.

```
PS C:                                                    YOU_WANT_DS_EXP\DS_ALL_EXP CRACKMEEE> python py.py
Enter your Name: abc xyz
Enter your SAP ID: 600192400
Updated: DS_EXP_3.docx
Updated: DS_EXP_4.docx
Updated: DS_EXP_5.docx
Updated: DS_EXP_6.docx
Updated: DS_EXP_7.docx
Updated: DS_EXP_8.docx
Updated: DS_EXP_9.docx
Updated: DS_EXP_10.docx
```



And done Name also Got changed.