



# recruitment **CTF**

2024-25

CHALLENGE NAME: [ my-fav-numbers ]

DEV: [ Pushkar deore ]

CATEGORY: [ Rev Engg. ]

LEVEL: [ EASY ]





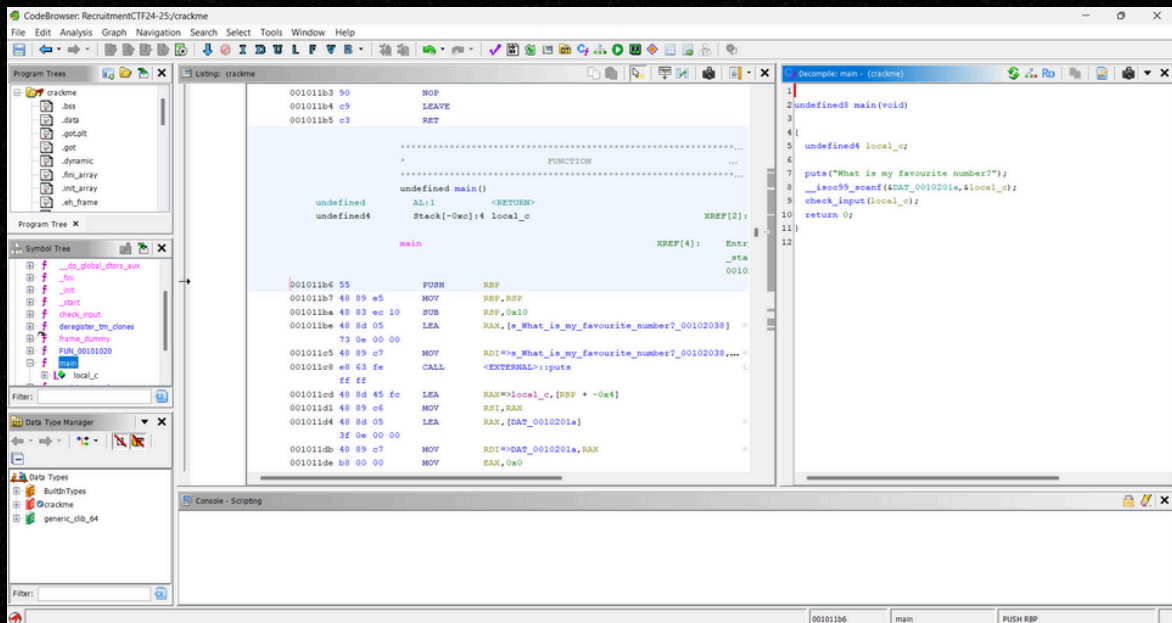
Challenge Description:

Guess my favourite numbers and I will give you the flag.

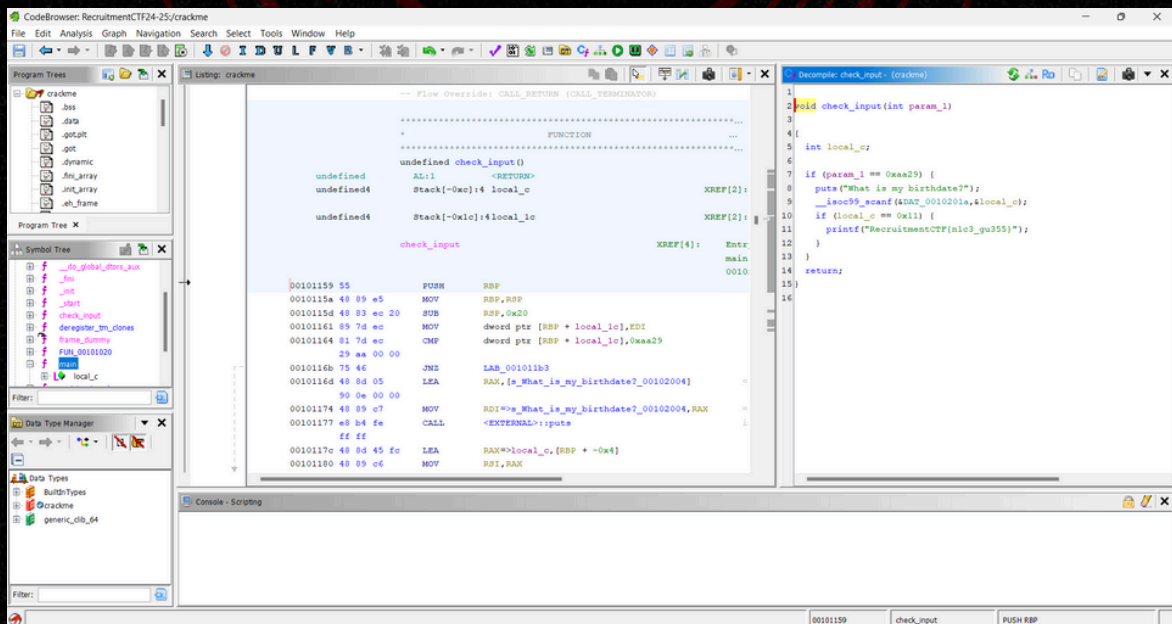


## WRITEUP:

1) We are given an ELF file which we will open in Ghidra.



2) Here, we are asked what is the author's favorite number. This input is being passed to a check\_input function.





3) This `check_input` function checks whether our given input is equal to 43561.

4) The next question it asks us is what is the author's birthday. This input is compared with 0x11 which is equivalent to 17.

5) Once these inputs are given to the ELF in correct order, the flag is printed on console.

