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Batch: R4

Class: BE-IV

Course: Cyber Security & Digital Forensics (CSDF)

Assignment 2

i. Code -

```
from captcha.image import ImageCaptcha

# Create an image instance of the given size
image = ImageCaptcha(width = 280, height = 90)

# Image captcha text
captcha_text = 'hisda##14'

# generate the image of the given text
data = image.generate(captcha_text)

# write the image on the given file and save it
image.write(captcha_text, 'CAPTCHA.png')

#read from image text
X = input("Enter text from image captcha below-\n")

#compare input with captcha text
if X == captcha_text:
    print("Verified")
else:
    print("Failed")
```

ii. Output –

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  POSTMAN CONSOLE
PS C:\Users\neils\OneDrive\Desktop\PICT Documents and Stuff\PICT_Coursework_BE_2024-25> python -u "c:\Users\neils\OneDrive\Desktop\PICT Documents and Stuff\PICT_Coursework_BE_2024-25\PICT_Coursework_BE_2024-25\LP-IV\CSDF\Assignment 2\generate_captcha.py"
Enter text from image captcha below-
hisda##14
Verified
```

