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Course: Cyber Security & Digital Forensics (CSDF)

Assignment No. 02

i. Code -

```python
from  captcha.image  import  ImageCaptcha

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

# Image captcha text
captcha_text = 'hdb34#1w&'

# 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 -

```
[sam@SaMs-MacBook-Pro lab 2 % python3 02_captcha.py
Enter text from image captcha below-
hdb34#1w&
Verified
```