

**LAPORAN PRAKTIKUM  
KEAMANAN SISTEM INFORMASI  
DAN JARINGAN**

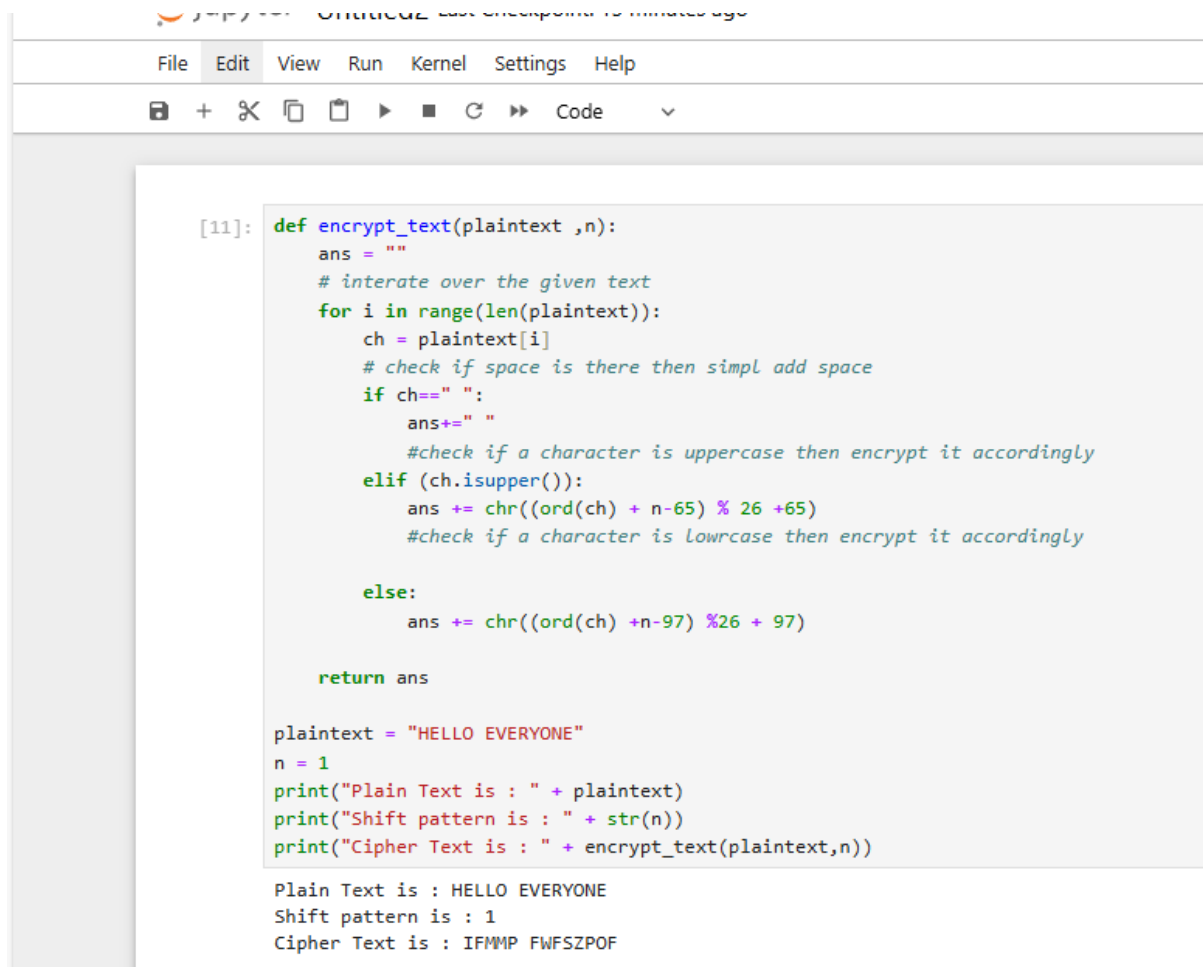


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## Kodingan dan hasil Running



The screenshot shows a Jupyter Notebook interface. At the top, there's a header bar with the Jupyter logo and the text "JupyterLab last checkpoint: 15 minutes ago". Below this is a menu bar with "File", "Edit", "View", "Run", "Kernel", "Settings", and "Help". Under the menu bar is a toolbar with icons for saving, adding, deleting, copying, pasting, running, and other actions. The main area contains a code cell with the following Python code:

```
[11]: def encrypt_text(plaintext ,n):
      ans = ""
      # iterate over the given text
      for i in range(len(plaintext)):
          ch = plaintext[i]
          # check if space is there then simpl add space
          if ch==" ":
              ans+=" "
              #check if a character is uppercase then encrypt it accordingly
          elif (ch.isupper()):
              ans += chr((ord(ch) + n-65) % 26 +65)
              #check if a character is lowercase then encrypt it accordingly
          else:
              ans += chr((ord(ch) +n-97) %26 + 97)

      return ans

plaintext = "HELLO EVERYONE"
n = 1
print("Plain Text is : " + plaintext)
print("Shift pattern is : " + str(n))
print("Cipher Text is : " + encrypt_text(plaintext,n))
```

The output of the code cell is:

```
Plain Text is : HELLO EVERYONE
Shift pattern is : 1
Cipher Text is : IFMMP FWFSZPOF
```