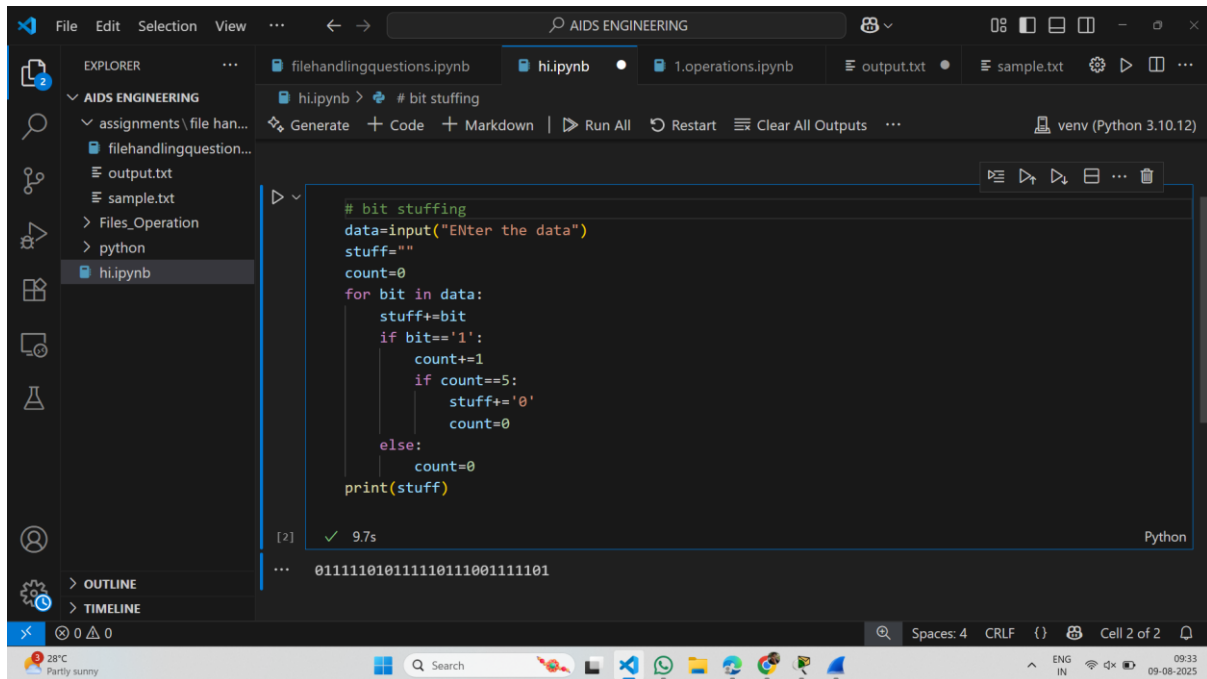


## EXP-28: Bit stuffing



The screenshot shows a Jupyter Notebook titled "hi.ipynb" in a VS Code editor. The notebook is part of a project named "AIDS ENGINEERING". The code in the notebook implements a bit stuffing algorithm. The code is as follows:

```
# bit stuffing
data=input("ENter the data")
stuff=""
count=0
for bit in data:
    stuff+=bit
    if bit=='1':
        count+=1
        if count==5:
            stuff+='0'
            count=0
    else:
        count=0
print(stuff)
```

The code has been executed, and the output is displayed below the code cell:

```
[2] ✓ 9.7s
... 011111010111110111001111101
```

The output is a binary string: 011111010111110111001111101. The status bar at the bottom indicates the file encoding is UTF-8, the line ending is CRLF, and the current cell is Cell 2 of 2.