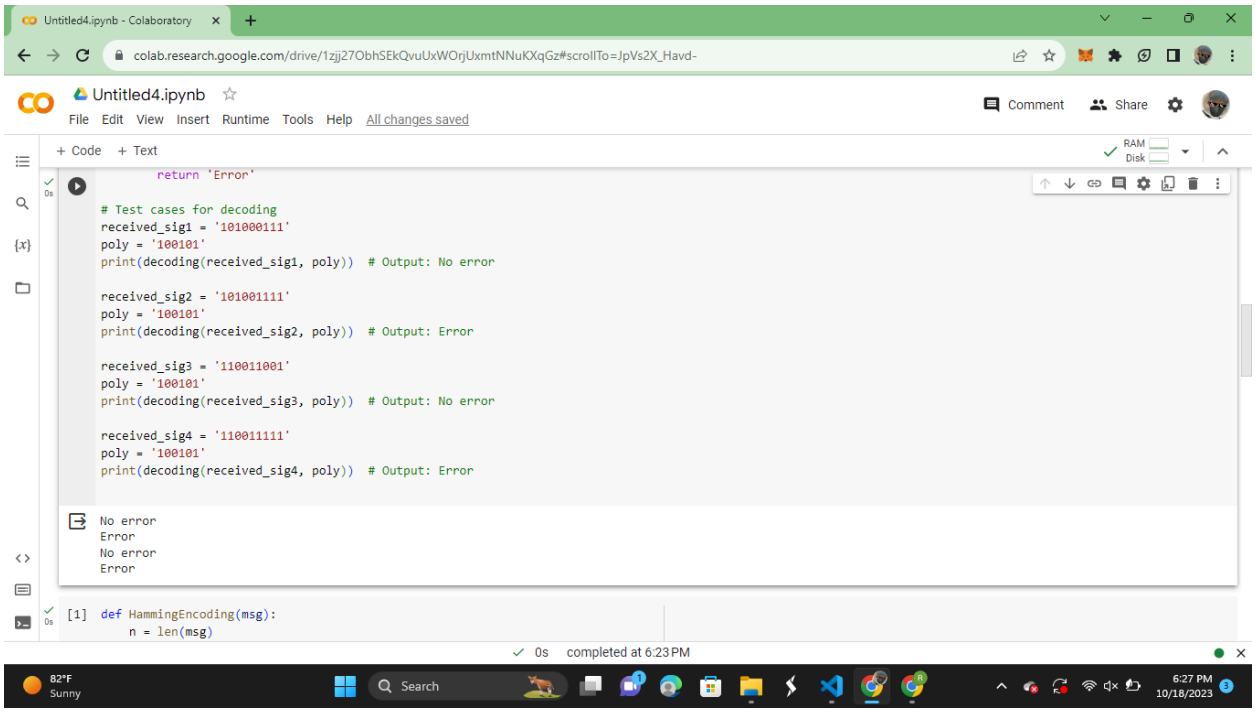
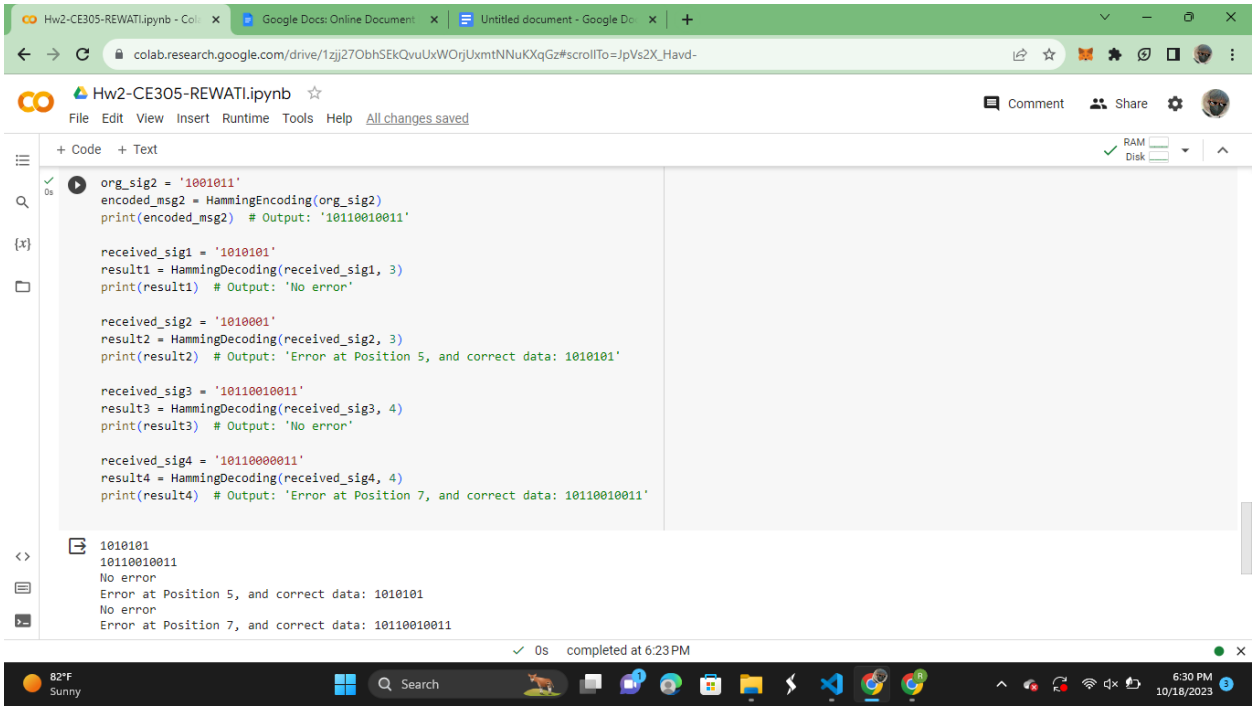
REWATI RAMAN KARKI
CE305
19856

1.



2.


Hw2-CE305-REWATI.ipynb - Col
Google Docs: Online Document
Untitled document - Google Do
colab.research.google.com/drive/1zjj27ObhSEkQvuUxWOrjUxmtNNuKXqGz#scrollTo=JpVs2X_Havd-
Hw2-CE305-REWATI.ipynb
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org_sig2 = '1001011'
encoded_msg2 = HammingEncoding(org_sig2)
print(encoded_msg2) # Output: '10110010011'
received_sig1 = '1010101'
result1 = HammingDecoding(received_sig1, 3)
print(result1) # Output: 'No error'
received_sig2 = '1010001'
result2 = HammingDecoding(received_sig2, 3)
print(result2) # Output: 'Error at Position 5, and correct data: 1010101'
received_sig3 = '10110010011'
result3 = HammingDecoding(received_sig3, 4)
print(result3) # Output: 'No error'
received_sig4 = '10110000011'
result4 = HammingDecoding(received_sig4, 4)
print(result4) # Output: 'Error at Position 7, and correct data: 10110010011'
1010101
10110010011
No error
Error at Position 5, and correct data: 1010101
No error
Error at Position 7, and correct data: 10110010011
0s completed at 6:23 PM
82°F
Sunny
Search
6:30 PM
10/18/2023