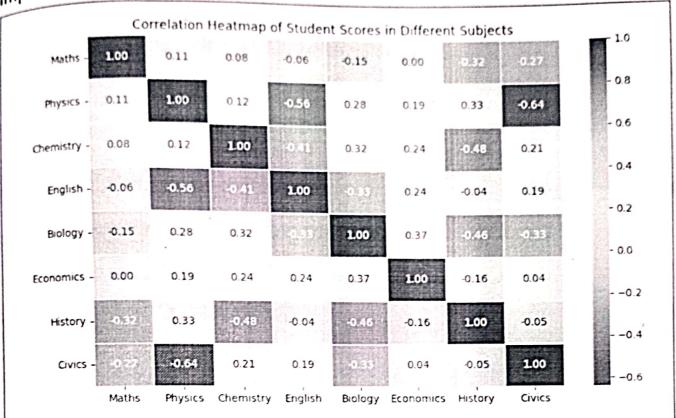
San Maria	•				
	School: SoET Campus: V2m				
(egy)	Academic Year: 2021 /25. Subject Name: DAVP Subject Code: Color by 8				
Centurion	Semester: 3th Program: B. Tech Branch: ECE Specialization: ECE				
	Date:				
	Applied and Action Learning  (Learning by Doing and Discovery)				
Tame of the Experiement: Nerform exploratory data Analysy (EDA) on a					
coding Phase: Pseudo Code / Flow Chart / Algorithm					
, import libraries: import pandas, Scaliorn, mat platit for					
date handling and uisulization					
- load Data: used pd oread_csvc.) to load the student clatax					
-> clean Data: Drop non-numeric columns.					
-> correlation matrix ux. corre) to calculate correlations					
> rlot	The correlation matrix using sns. heatmap () and				
Disnl	ay with plt. Showc).				

Testing Phase: Compilation of Code (error detection)

## Implementation Phase: Final Output (no error)



## **ASSESSMENT**

Rubrics	Full Mark	Marks Obtained	Remarks
Concept	10		
Planning and Execution/	10		
Practical Simulation/ Programming			
Result and Interpretation	10		
Record of Applied and Action Learning	10		
Viva	10		
Total	50		

Signature of the Student:

Name: G. Sumanth Regn. No.: 211801131001

Signature of the Faculty:

Page No.....

import panday ay pd

Import seaborn as sns

Import matplotlib. Pyplot as plt

df = pd · read - Csv ( 'student - marks · Csv')

df - mumeric = df · dsop (columns = ['unnamed : o', 'Gender', 'DoB'])

Correlation - Matrix = df - numeric · Corrc)

plt · figure (figsize = (10,61)

sns · heat map (correlation - matrix; annot = True · cmap = 'coolwarm',

fmt='.2f', cbar = True · linewith = ---

PIt. title ("correlation Heatmap of Student scores in Different Subject)