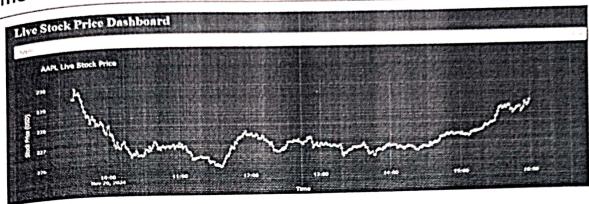
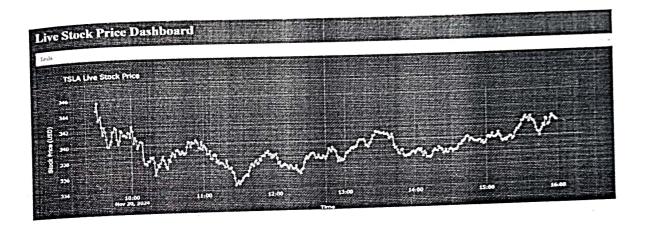
School: SorT Campus: V2m
Subject Code: Cutalal&
Academic Tear and Superior Semester: 3th Program: 13.7ech Branch: ece Specialization:ece
Applied and Action Learning (Learning by Doing and Discovery)
ryperiement:
price of the Experiement: Coding Phase: Pseudo Code / Flow Chart / Algorithm
coding Pride y Linance, &
Import necessary libraries like 'dash', 'plotly', y finance, & Import necessary libraries like 'dash', 'plotly', y finance, & pundas' for dash board creation and stock data fetching pundas' for dash board creation and stock data fetching initialize the pash app and define the stock symbols.
Initialize the Dash app and define the stock symbols.
to the time to let will walk will it
In se deleted ticken vietrlesing minute-level data.
for the selected ticker vietriewing minute-level data. for the selected ticker vietriewing minute-level data. Set up the dashboard layout with a header, dropdown It the selection agrant for displying stock prices, and
- fet up the dashuvard injoin stock prices, and
IN MORE Sciences 1 go again of 1
interval for refreshing data every minute.

Testing Phase: Compilation of Code (error detection)

mplementation Phase: Final Output (no error)





ASSESSMENT

	MOOLOOMAN.			
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		COME	

Signature of the Student: G. Stories

Name: G. Sumanth

Regn. No.: 218013100)

Page N

Signature of the Faculty:

Page No.....

```
Import dash
 Import dash_core_Components ou dec
 Import dash - html - components ay html
from dash. dependencies import Input, output
 Import plotly graph-obis as go
 Import 4 finance as 4f
· Import panday as pd
Import time
app = dash. Dash (_ name_)
companie = ['AAPL', 'MSFT', TSLA'.]
Company_ names = ['Apple', 'Microsoft', 'Tesla']
def get-Stock-data (ficrer):
    Stock = 4f. Ticker (ticker)
   olf = Stock · history (period = "Id", Interval="Im")
   df-rejet_index (inplace=True)
   return of.
Initial_data = 23
for ticker in Companies:
   înitial_data [ticker] = get_stock_data (ticker)
 app. layout = html. DIVCE
      html. HI C'Live Stock Price Dashboard', Style={'color!
                       Yellow'3),
```

```
dec. Dropolown (
    id = 'Stock - dropdown',
  options = C& 'label' Company, I value : ticker) for company, ticker in
                     Zip (company names, companies)),
  Kalue = "AAPL',
  multi=false
dcc. Graph Cid = 'Stock graph'),
dcc. Interval C
     id = 'Interval - Component',
  . Interval = 60 1000,
   m, intervals = 0
 @app. Callback (
    Output ('Stock-graph', 'figure'),
     Component', 'n_intervals'),
     Input ('stock - dropdown', 'value'))
  def update_stock-graph(n, selected_stock):
     Stock-data = get_ Stock_data Cselected_stock)
  figure = S
      'data': [
          go. Scatter C
               x=Stock-data ['Datatime'],
                Y=Stock:data ['close'],
  if-name === '_ main_!
      app. run_server (debug=True)
```