

## ASSISSIONMENT-2

NAME-ARPIT PATNI

CLASS-BTECH CSE (AIML)

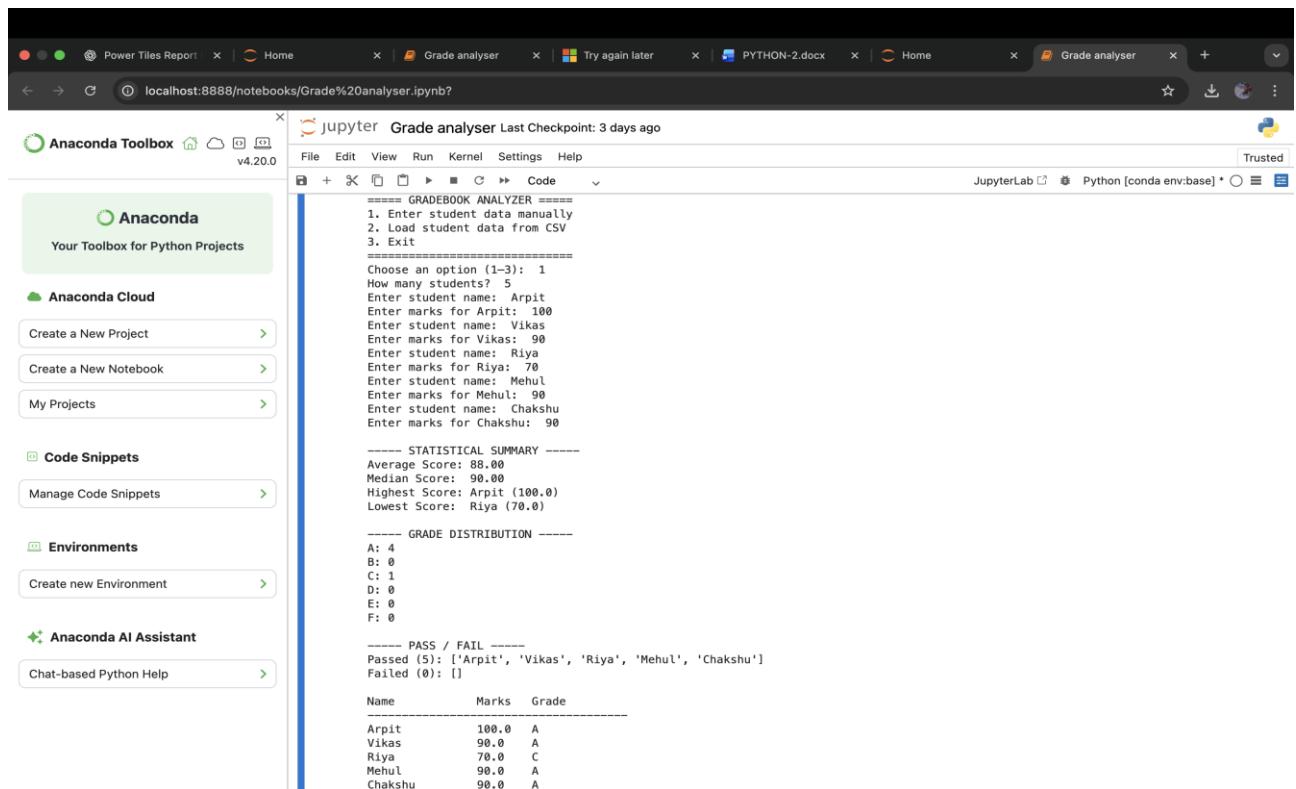
ROLL NO.-2501730111

SECTION-A

SUBJECT-PROGRAMMING FOR  
PROBLEM SOLVING USING  
PYTHON

SUBMITTED TO:Dr.Sameer Farooq

# Screenshots of outputs:



The screenshot shows a Jupyter Notebook interface with multiple tabs open. The active tab is titled "jupyter Grade analyser". The code cell contains a Python script for analyzing student grades. The output pane displays the results of the script's execution.

```
===== GRADEBOOK ANALYZER =====
1. Enter student data manually
2. Load student data from CSV
3. Exit
=====
Choose an option (1-3): 1
How many students? 5
Enter student name: Arpit
Enter marks for Arpit: 100
Enter student name: Vikas
Enter marks for Vikas: 90
Enter student name: Riya
Enter marks for Riya: 70
Enter student name: Mehul
Enter marks for Mehul: 90
Enter student name: Chakshu
Enter marks for Chakshu: 90

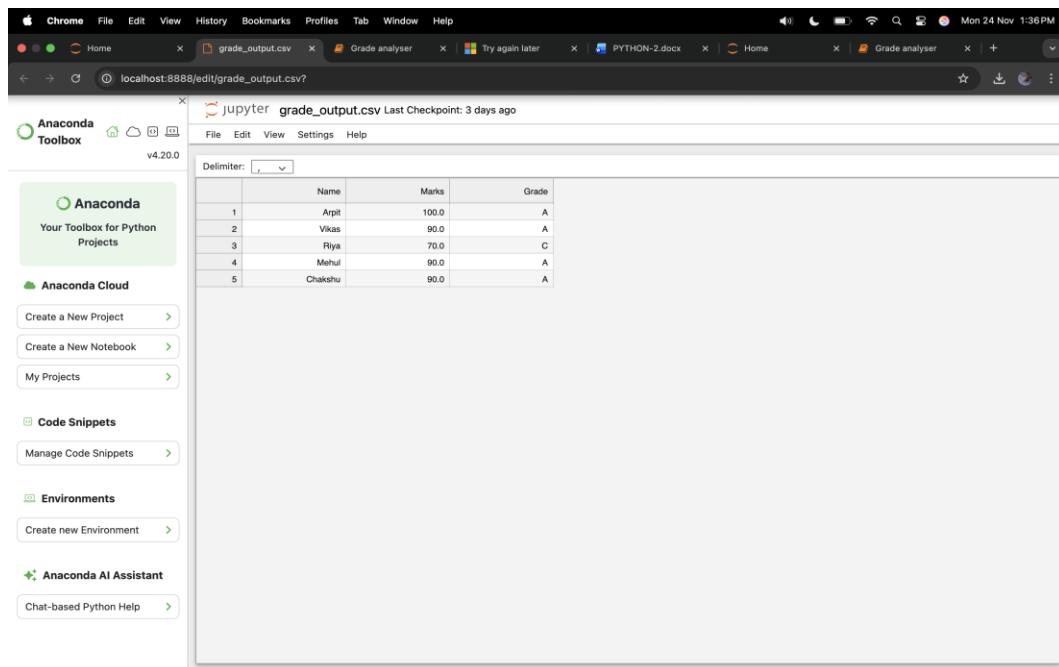
----- STATISTICAL SUMMARY -----
Average Score: 88.00
Median Score: 90.00
Highest Score: Arpit (100.0)
Lowest Score: Riya (70.0)

----- GRADE DISTRIBUTION -----
A: 4
B: 0
C: 1
D: 0
E: 0
F: 0

----- PASS / FAIL -----
Passed (5): ['Arpit', 'Vikas', 'Riya', 'Mehul', 'Chakshu']
Failed (0): []

Name Marks Grade
-----
Arpit 100.0 A
Vikas 90.0 A
Riya 70.0 C
Mehul 90.0 A
Chakshu 90.0 A
```

Do you want to export results to CSV? (y/n): y  
Results exported to grade\_output.csv



The screenshot shows a Jupyter Notebook interface with multiple tabs open. The active tab is titled "jupyter grade\_output.csv". The code cell contains a Python script for generating a CSV file. The output pane displays the contents of the generated CSV file.

	Name	Marks	Grade
1	Arpit	100.0	A
2	Vikas	90.0	A
3	Riya	70.0	C
4	Mehul	90.0	A
5	Chakshu	90.0	A