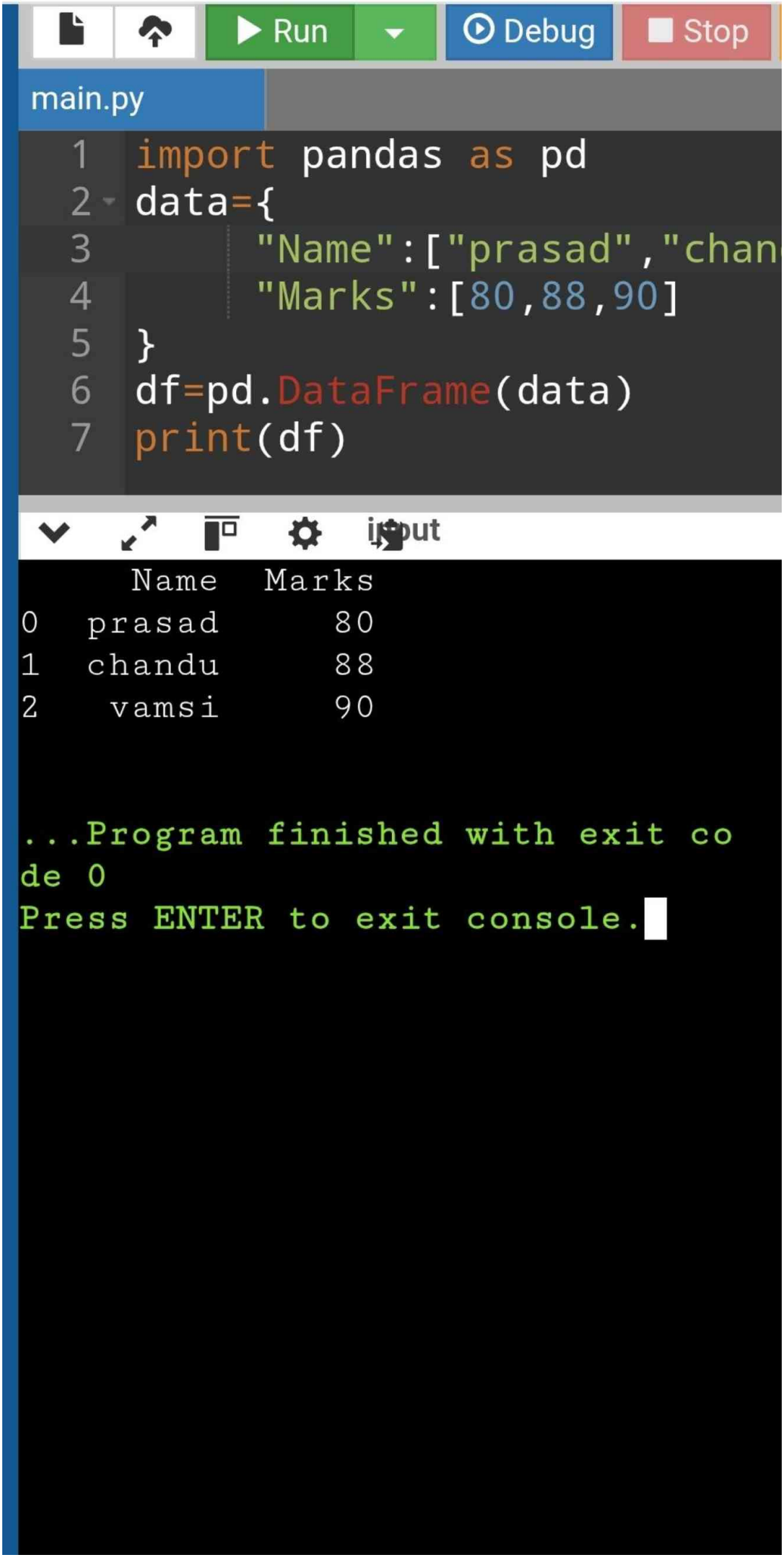
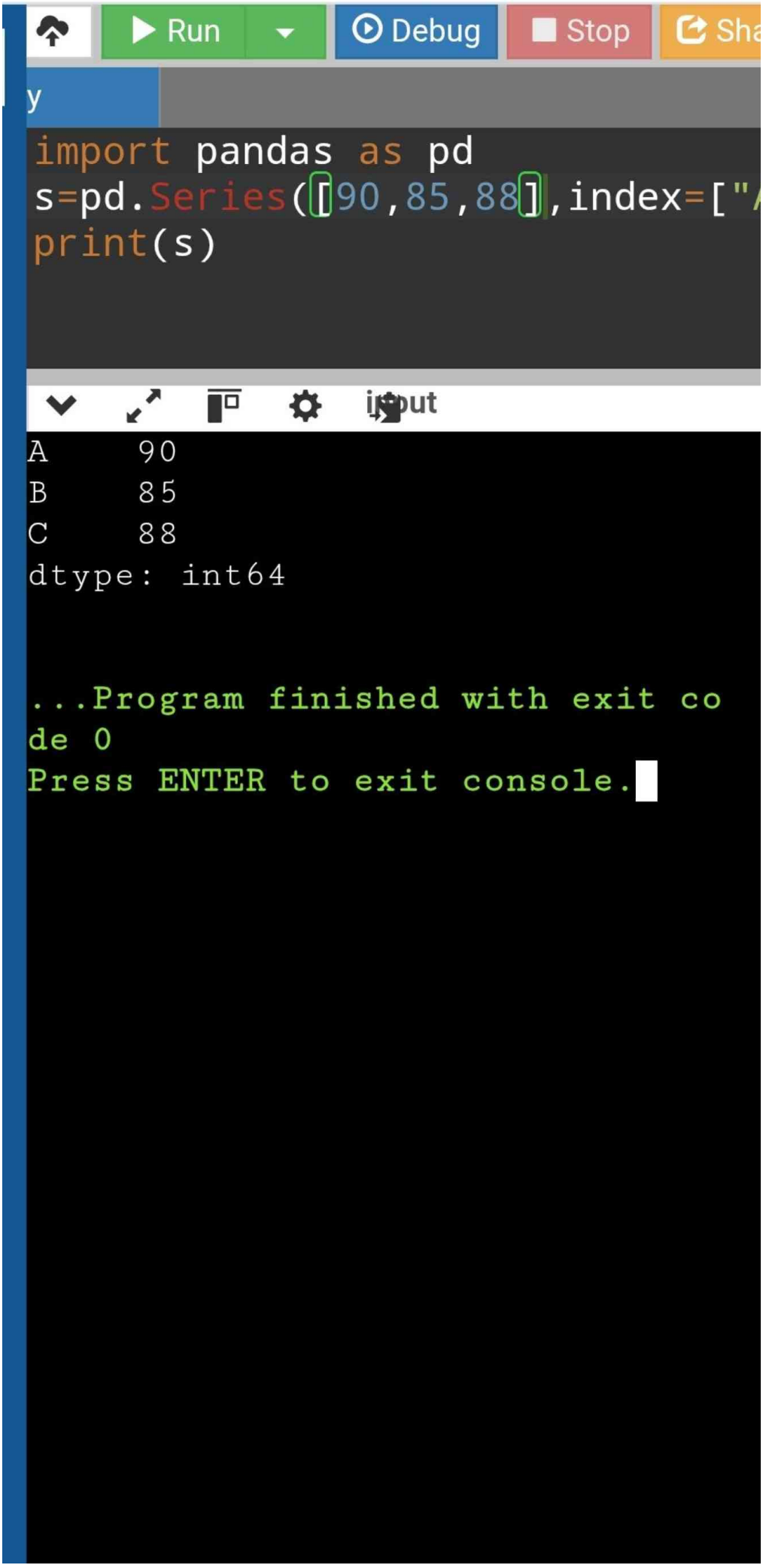
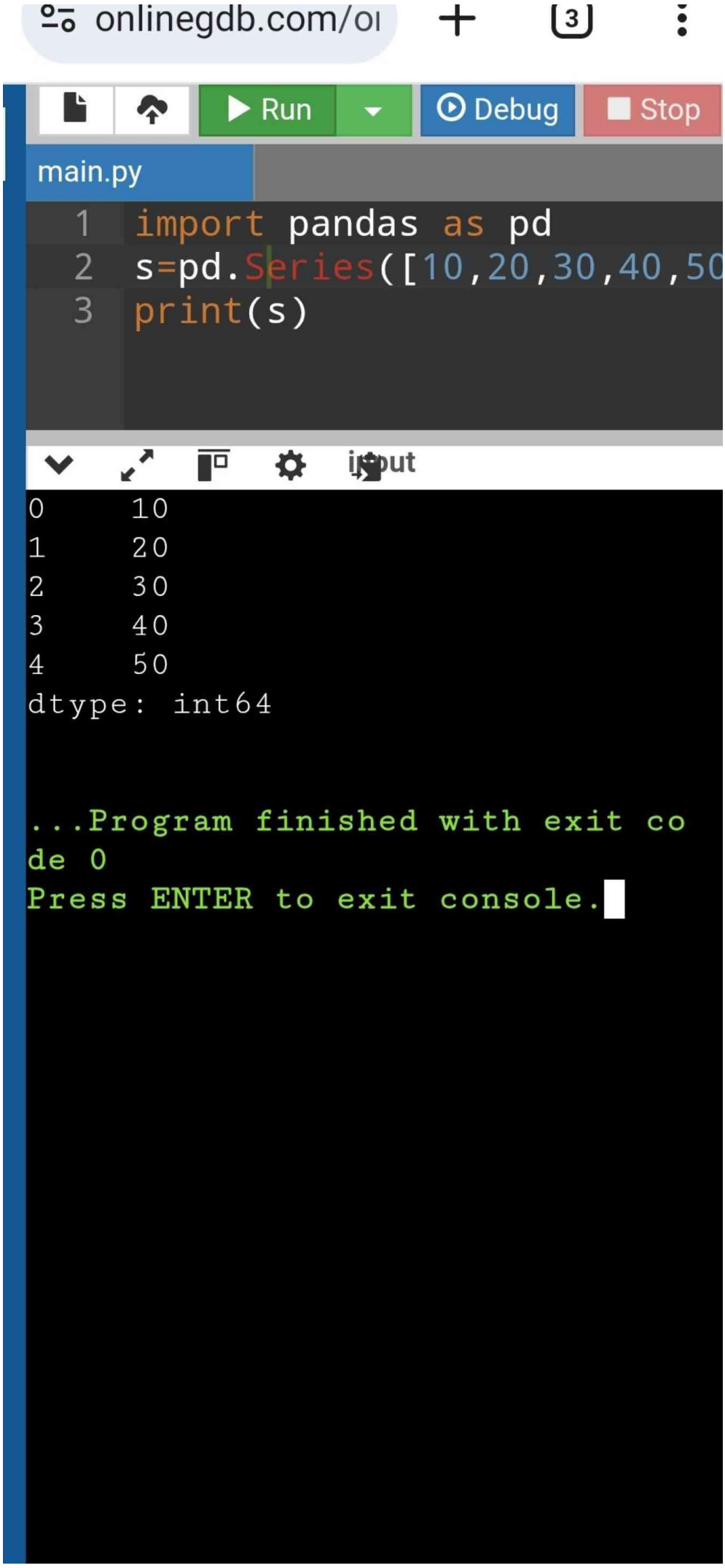
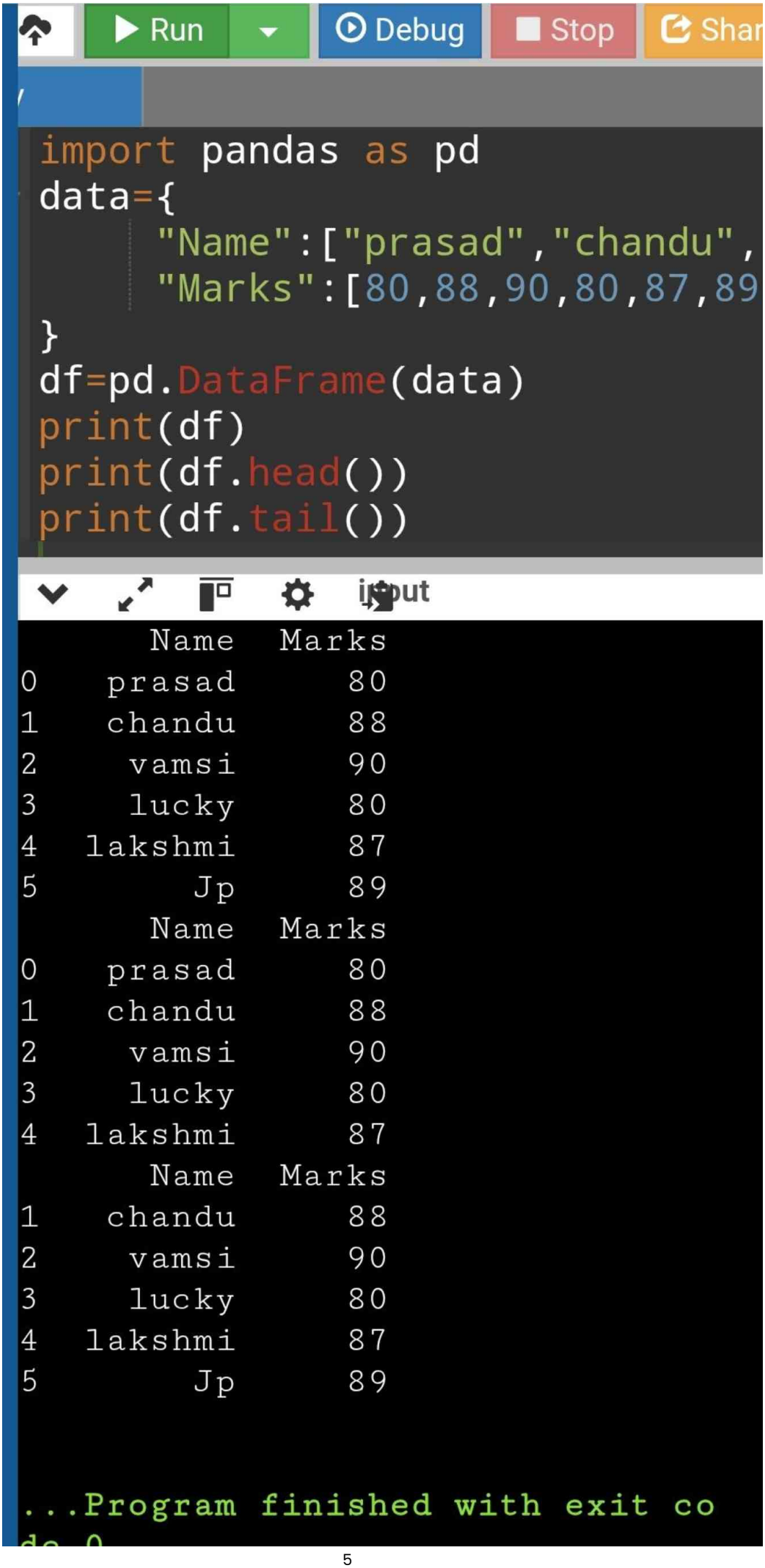

Run
Debug
Stop
main.py
1 import pandas as pd
2 data={
3 "Name":["prasad","chan
4 "Marks":[80,88,90]
5 }
6 df=pd.DataFrame(data)
7 print(df)
input
Name Marks
0 prasad 80
1 chandu 88
2 vamsi 90
...Program finished with exit co
de 0
Press ENTER to exit console.


Run
Debug
Stop
import pandas as pd
s=pd.Series([90,85,88],index=["
print(s)
input
| 90
|| 85
||| 88
dtype: int64
...Program finished with exit co
de 0
Press ENTER to exit console.


Run
Debug
Stop
Sha
y
import pandas as pd
s=pd.Series([90,85,88],index=["A
print(s)
input
A 90
B 85
C 88
dtype: int64
...Program finished with exit co
de 0
Press ENTER to exit console.


onlinegdb.com/oI
Run
Debug
Stop
main.py
1 import pandas as pd
2 s=pd.Series([10,20,30,40,50
3 print(s)
input
0 10
1 20
2 30
3 40
4 50
dtype: int64
...Program finished with exit co
de 0
Press ENTER to exit console.


Run
Debug
Stop
Shar
import pandas as pd
data={
"Name":["prasad","chandu",
"Marks":[80,88,90,80,87,89
}
df=pd.DataFrame(data)
print(df)
print(df.head())
print(df.tail())
input
Name Marks
0 prasad 80
1 chandu 88
2 vamsi 90
3 lucky 80
4 lakshmi 87
5 Jp 89
Name Marks
0 prasad 80
1 chandu 88
2 vamsi 90
3 lucky 80
4 lakshmi 87
Name Marks
1 chandu 88
2 vamsi 90
3 lucky 80
4 lakshmi 87
5 Jp 89
...Program finished with exit co

```
import pandas as pd
data={
      "Name":["prasad","chandu","
      "Marks":[80,88,90,80,87,89]
}
df=pd.DataFrame(data)
print(df[df["Marks"]>=80])
```

```
      Name  Marks
0   prasad     80
1   chandu     88
2    vamsi     90
3    lucky     80
4  lakshmi     87
5       Jp     89


...Program finished with exit co
de 0
Press ENTER to exit console.
```

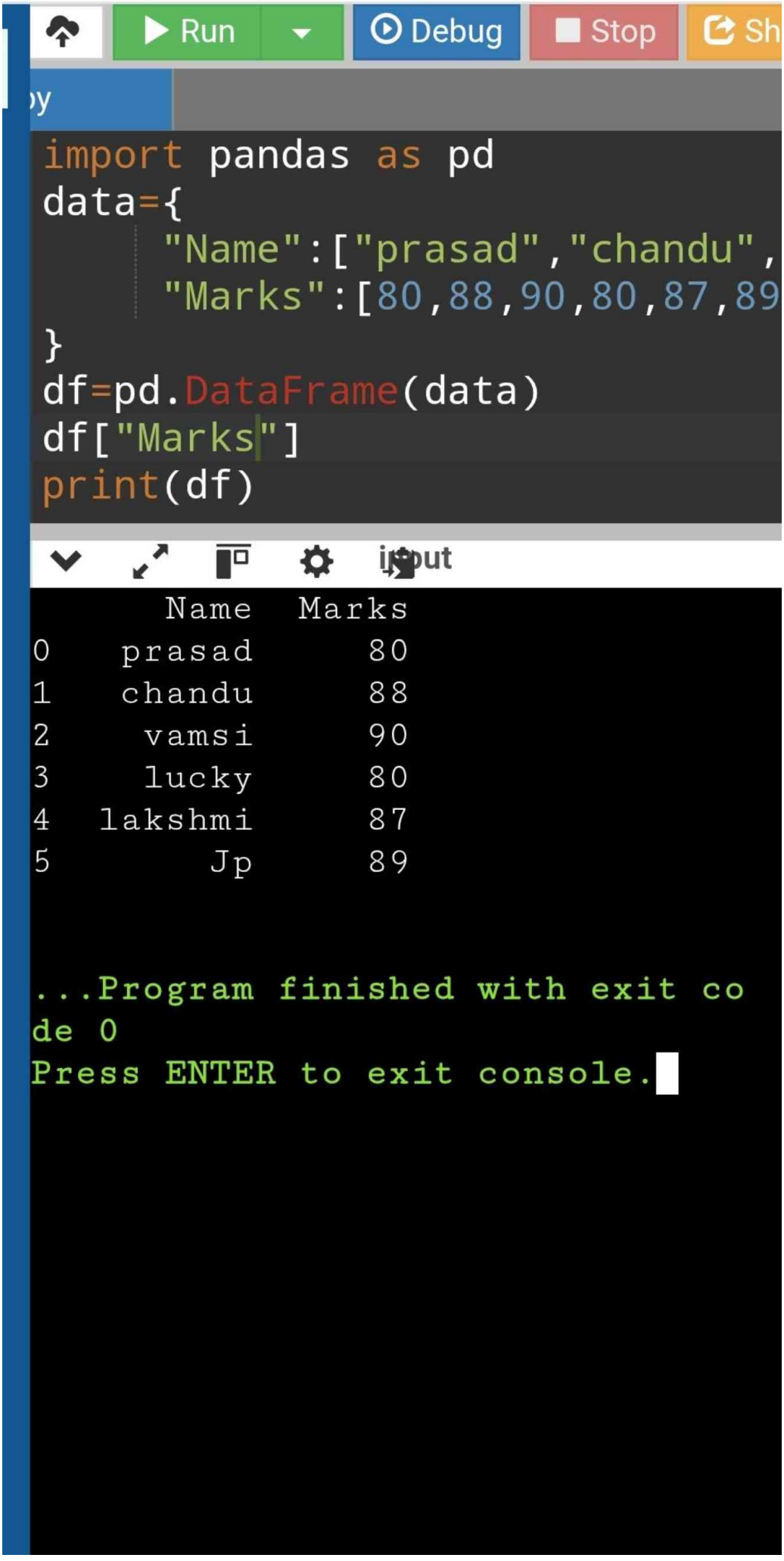
```python
import pandas as pd
data={
    "Name":["prasad","chandu",'
    "Marks":[80,88,90,80,87,89]
}
df=pd.DataFrame(data)
print(df.dtypes)
print(df.info())
print(df.loc[0])
```

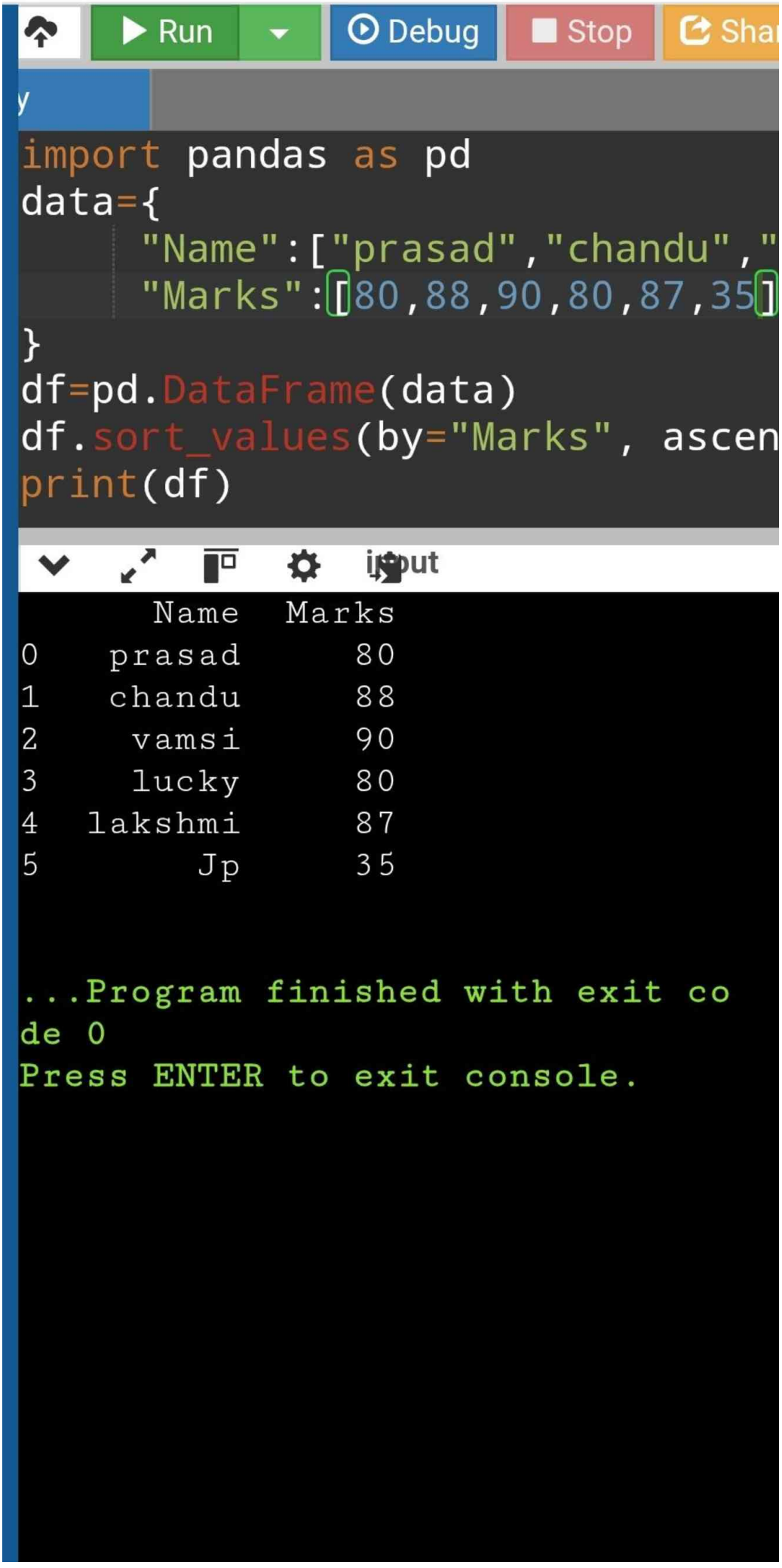
input

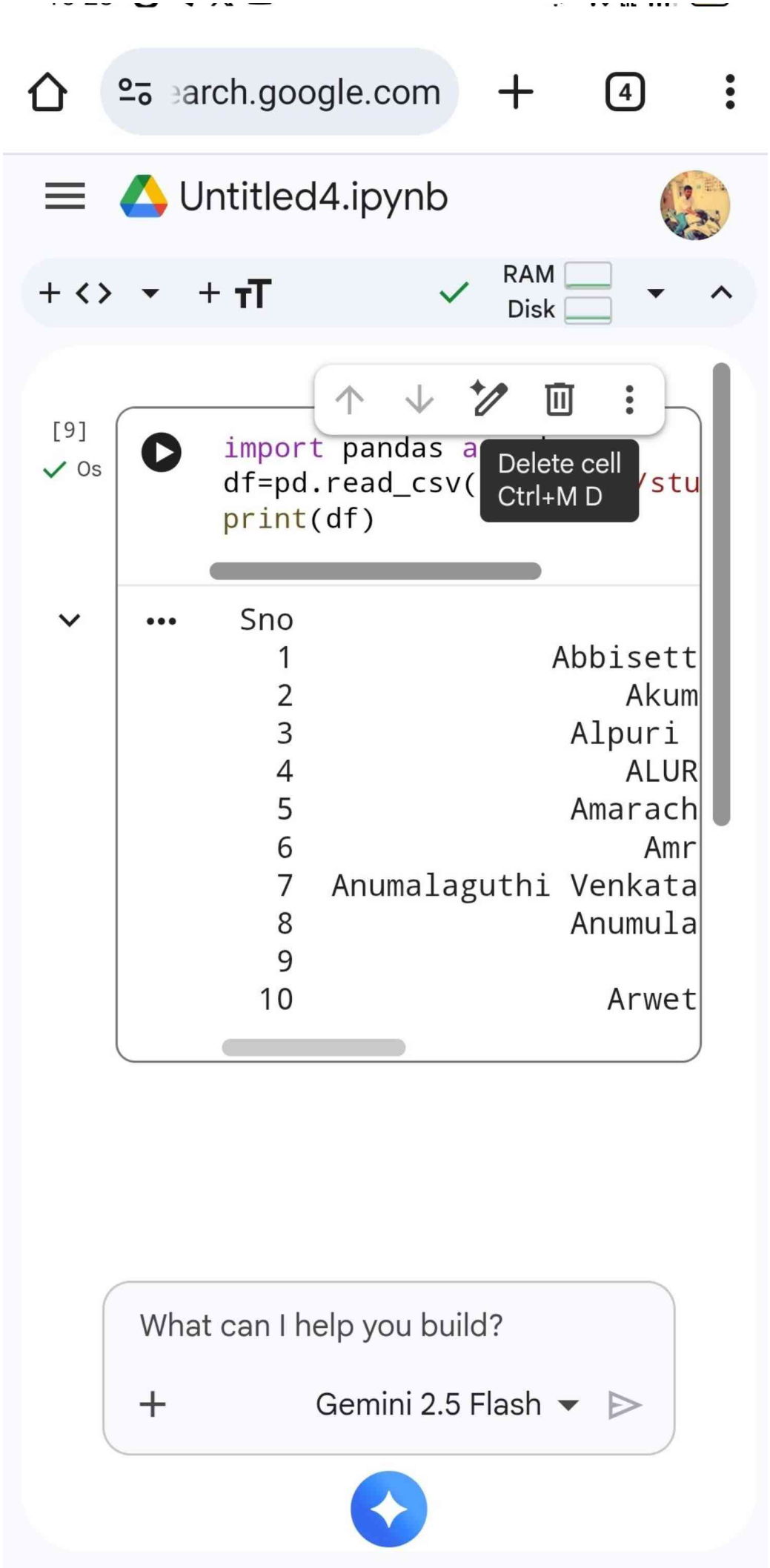
```
Marks      int64
dtype: object
<class 'pandas.core.frame.DataFr
ame'>
RangeIndex: 6 entries, 0 to 5
Data columns (total 2 columns):
 #   Column  Non-Null Count  Dty
pe
---  ------  --------------  ---
--
 0   Name    6 non-null      obj
ect
 1   Marks   6 non-null      int
64
dtypes: int64(1), object(1)
memory usage: 228.0+ bytes
None
Name      prasad
Marks         80
Name: 0, dtype: object


...Program finished with exit co
de 0
Press ENTER to exit console.
```

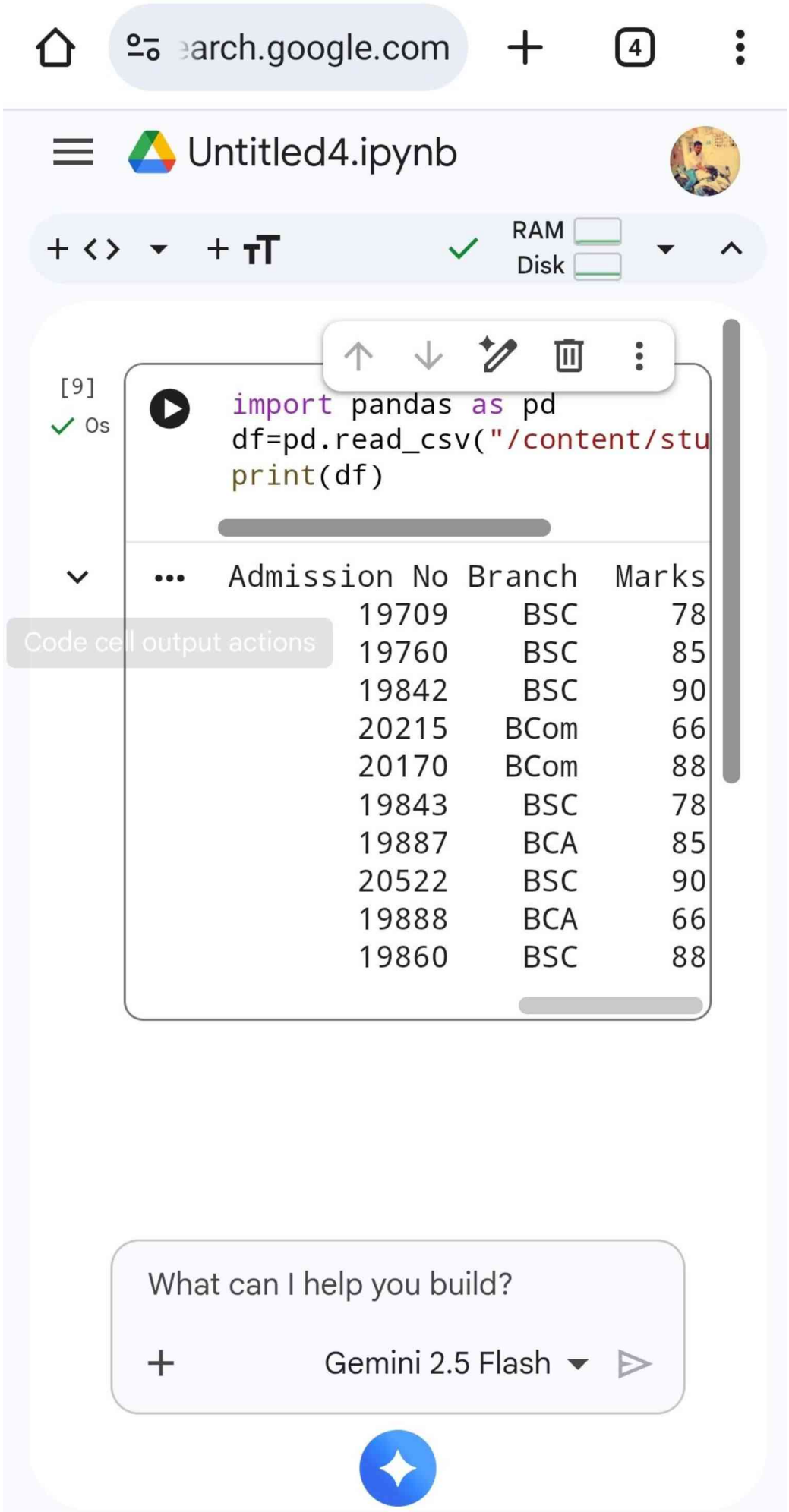
```
import pandas as pd
data={
      "Name":["prasad","chandu",'
      "Marks":[80,88,90,80,87,89]
}
df=pd.DataFrame(data)
df["Result"]=df["Marks"]>=40
print(df)
```

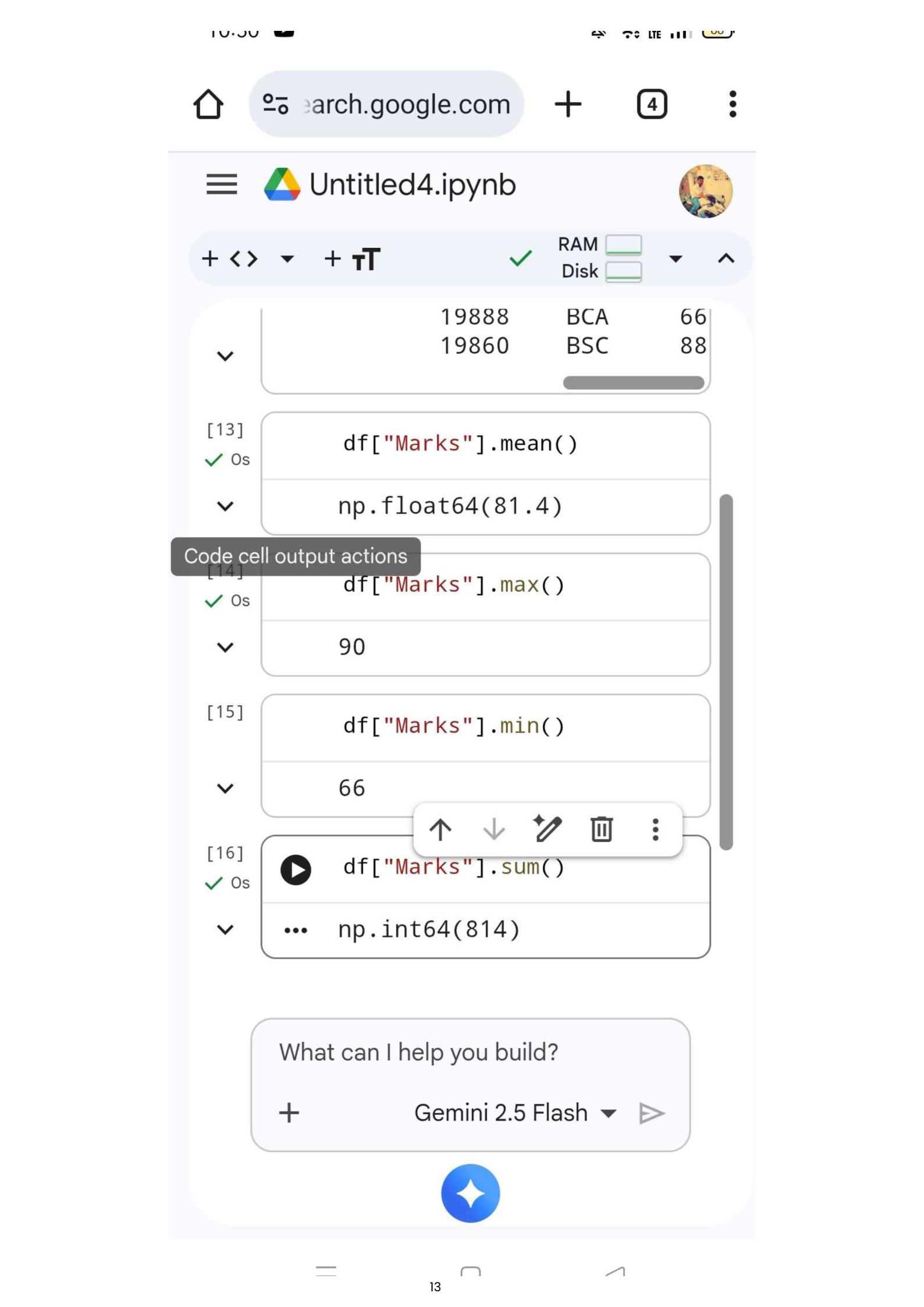
```
      Name  Marks  Result
0   prasad     80    True
1   chandu     88    True
2    vamsi     90    True
3    lucky     80    True
4  lakshmi     87    True
5       Jp     89    True


...Program finished with exit co
de 0
Press ENTER to exit console.
```

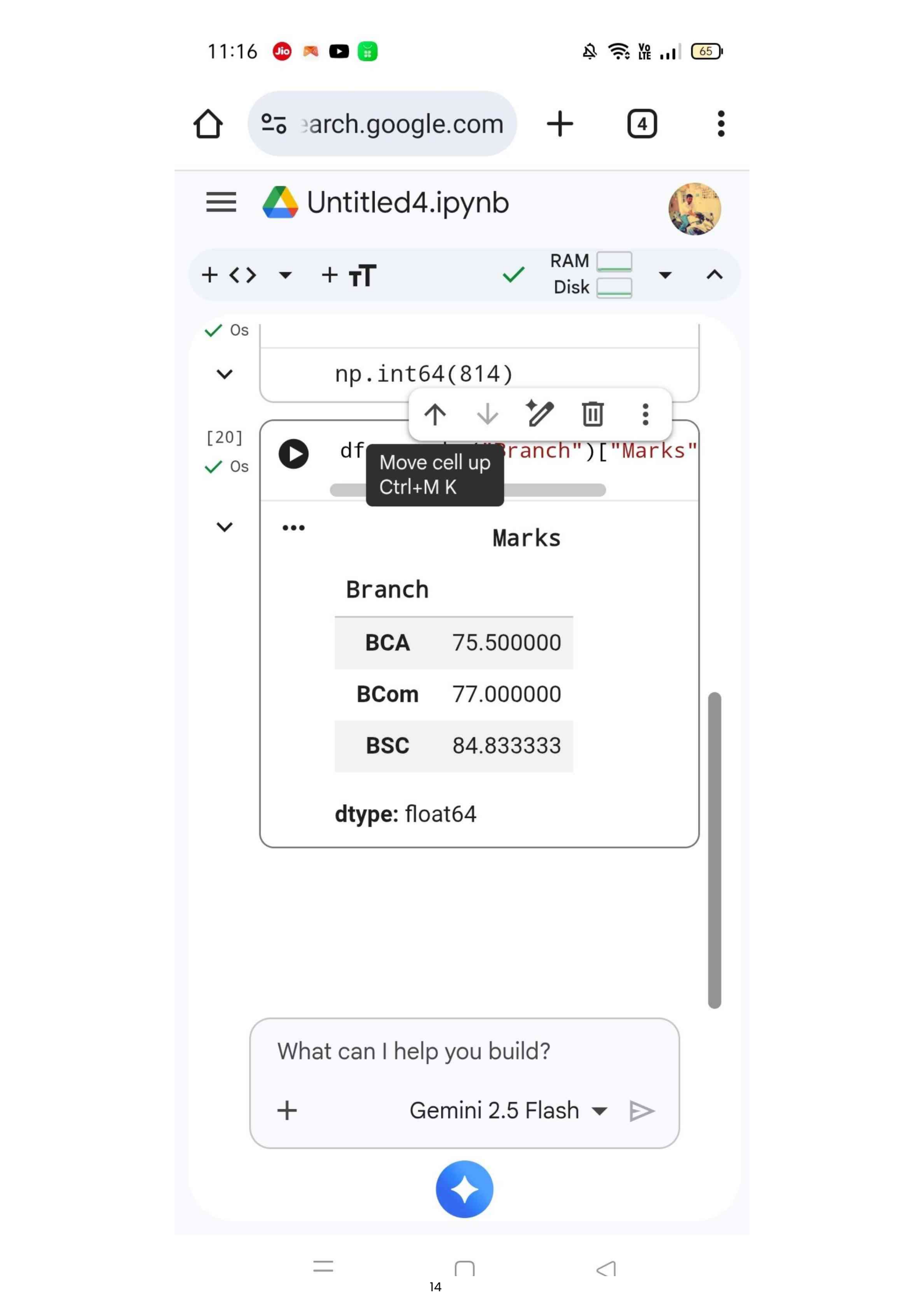

Run
Debug
Stop
import pandas as pd
data={
"Name":["prasad","chandu",
"Marks":[80,88,90,80,87,89
}
df=pd.DataFrame(data)
df["Marks"]
print(df)
Name Marks
0 prasad 80
1 chandu 88
2 vamsi 90
3 lucky 80
4 lakshmi 87
5 Jp 89
...Program finished with exit co
de 0
Press ENTER to exit console.

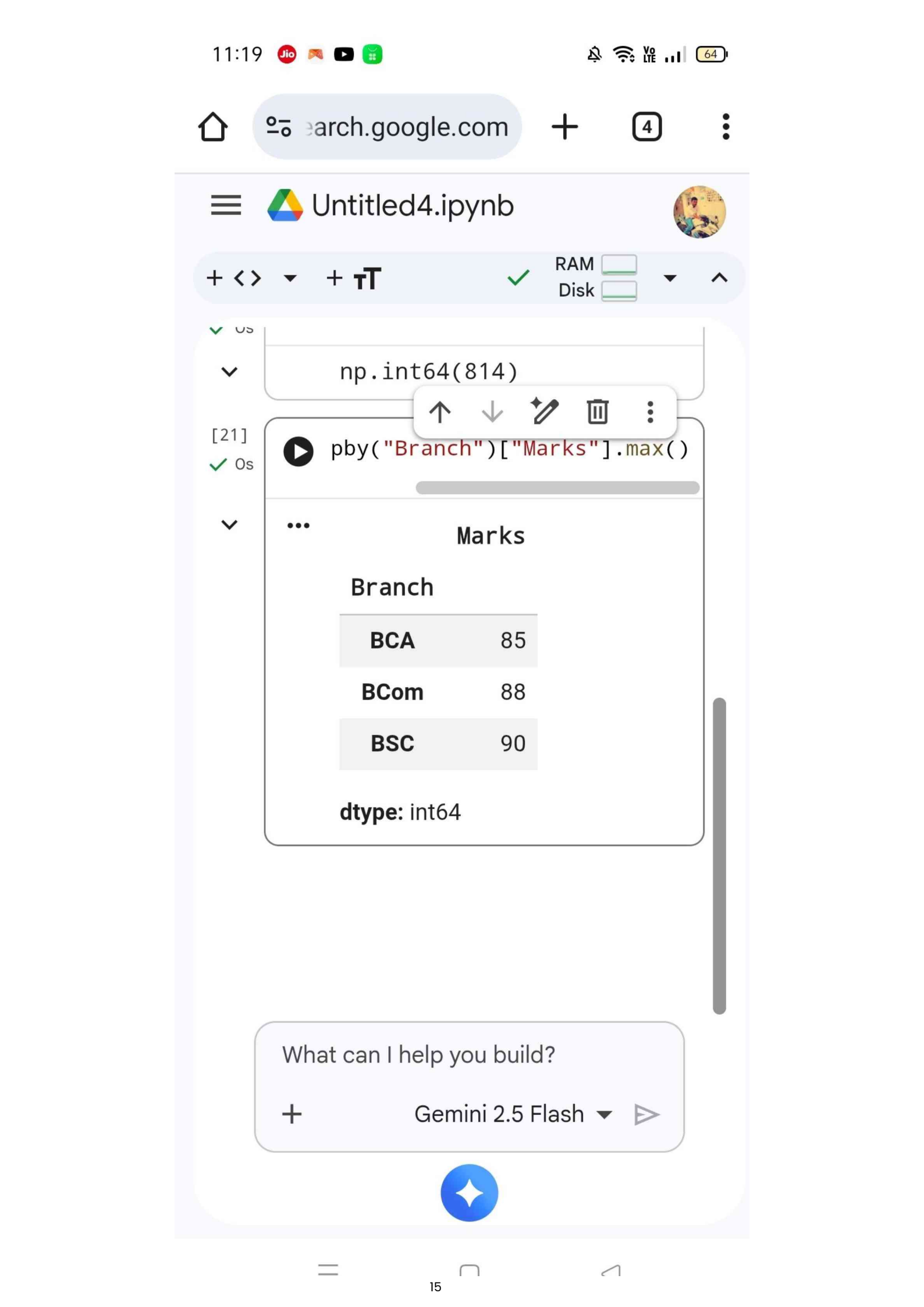

Run
Debug
Stop
Sha
y
import pandas as pd
data={
"Name":["prasad","chandu","
"Marks":[80,88,90,80,87,35]
}
df=pd.DataFrame(data)
df.sort_values(by="Marks", ascen
print(df)
input
Name Marks
0 prasad 80
1 chandu 88
2 vamsi 90
3 lucky 80
4 lakshmi 87
5 Jp 35
...Program finished with exit co
de 0
Press ENTER to exit console.

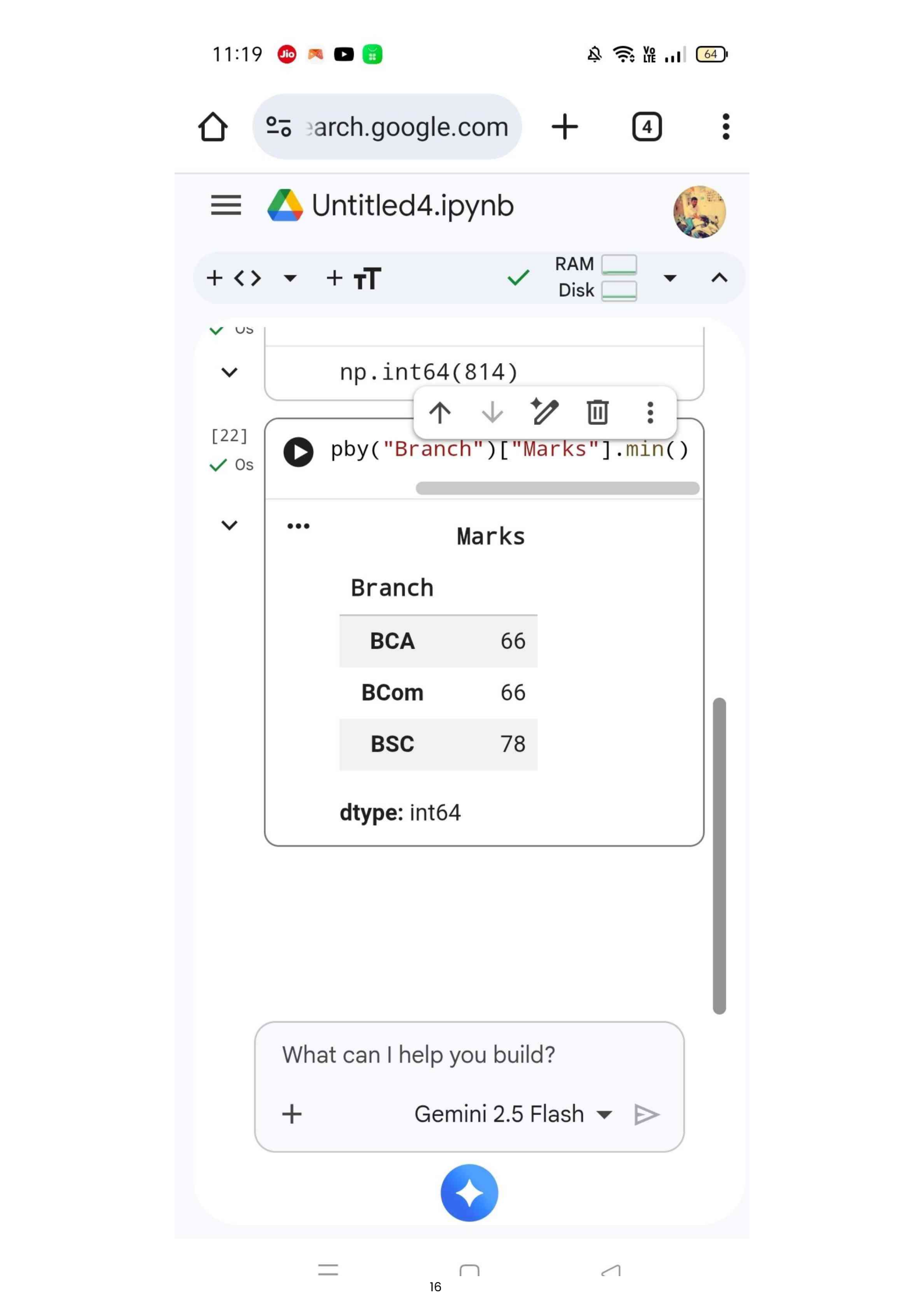

earch.google.com
Untitled4.ipynb
RAM
Disk
[9]
Os
import pandas a
df=pd.read_csv(
/stu
print(df)
Delete cell
Ctrl+M D
Sno
1 Abbisett
2 Akum
3 Alpuri
4 ALUR
5 Amarach
6 Amr
7 Anumalaguthi Venkata
8 Anumula
9
10 Arwet
What can I help you build?
Gemini 2.5 Flash

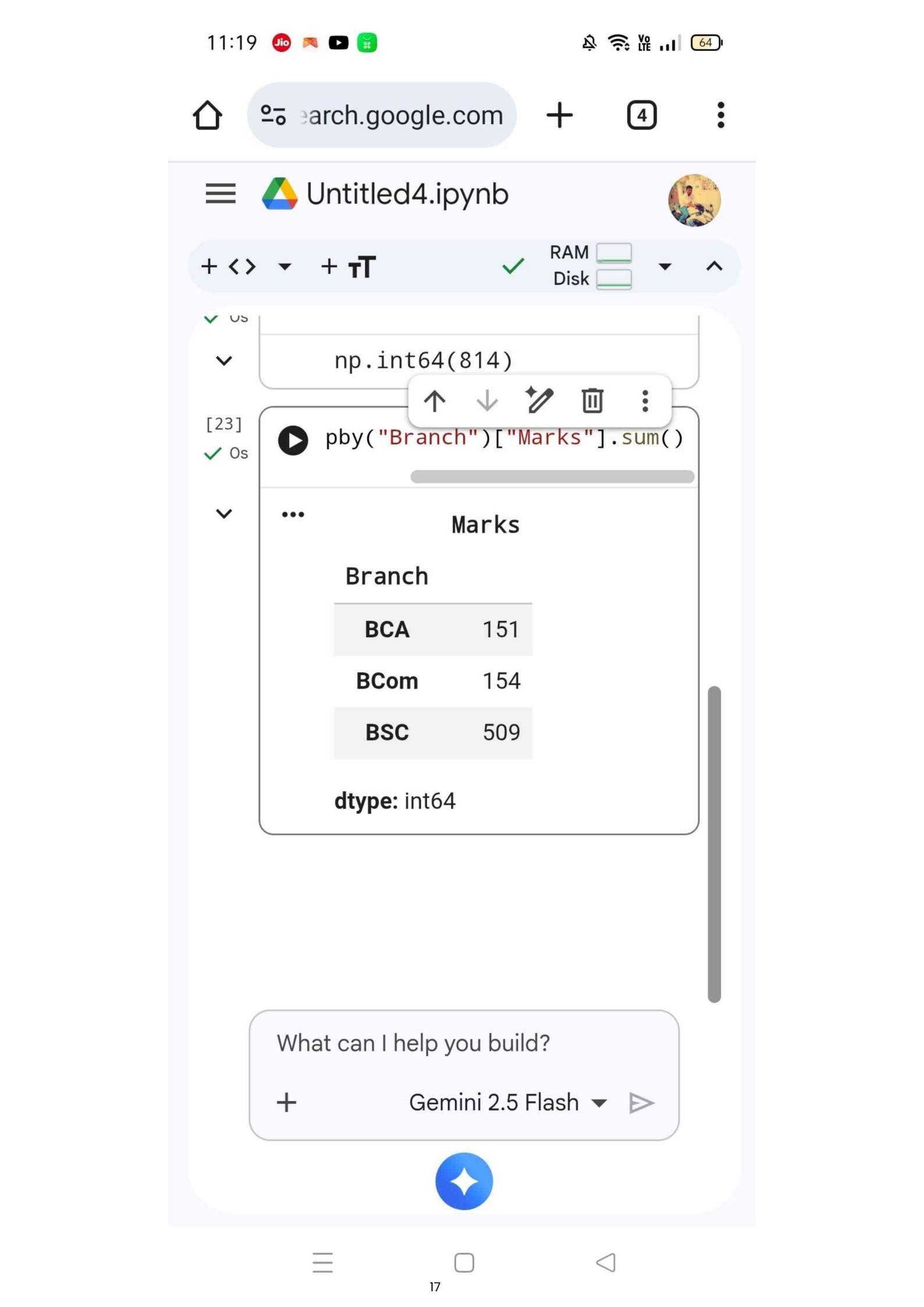

10:25
arch.google.com
Untitled4.ipynb
RAM
Disk
[9]
Os
import pandas as pd
df=pd.read_csv("/content/stu
print(df)
Admission No Branch Marks
19709 BSC 78
19760 BSC 85
19842 BSC 90
20215 BCom 66
20170 BCom 88
19843 BSC 78
19887 BCA 85
20522 BSC 90
19888 BCA 66
19860 BSC 88
Code cell output actions
What can I help you build?
Gemini 2.5 Flash

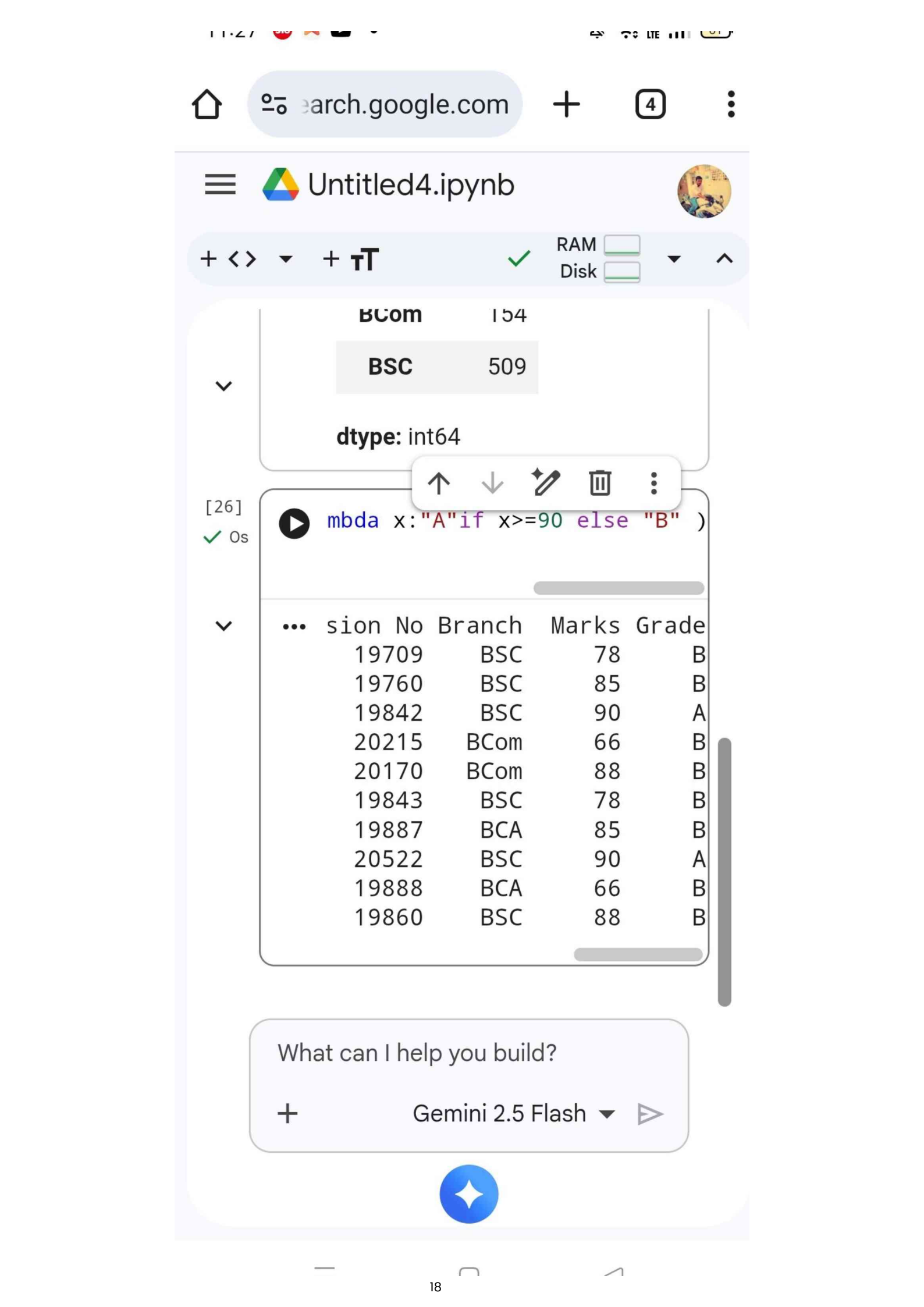

arch.google.com
Untitled4.ipynb
RAM
Disk
19888 BCA 66
19860 BSC 88
[13]
0s
df["Marks"].mean()
np.float64(81.4)
Code cell output actions
[14]
0s
df["Marks"].max()
90
[15]
df["Marks"].min()
66
[16]
0s
df["Marks"].sum()
np.int64(814)
What can I help you build?
Gemini 2.5 Flash

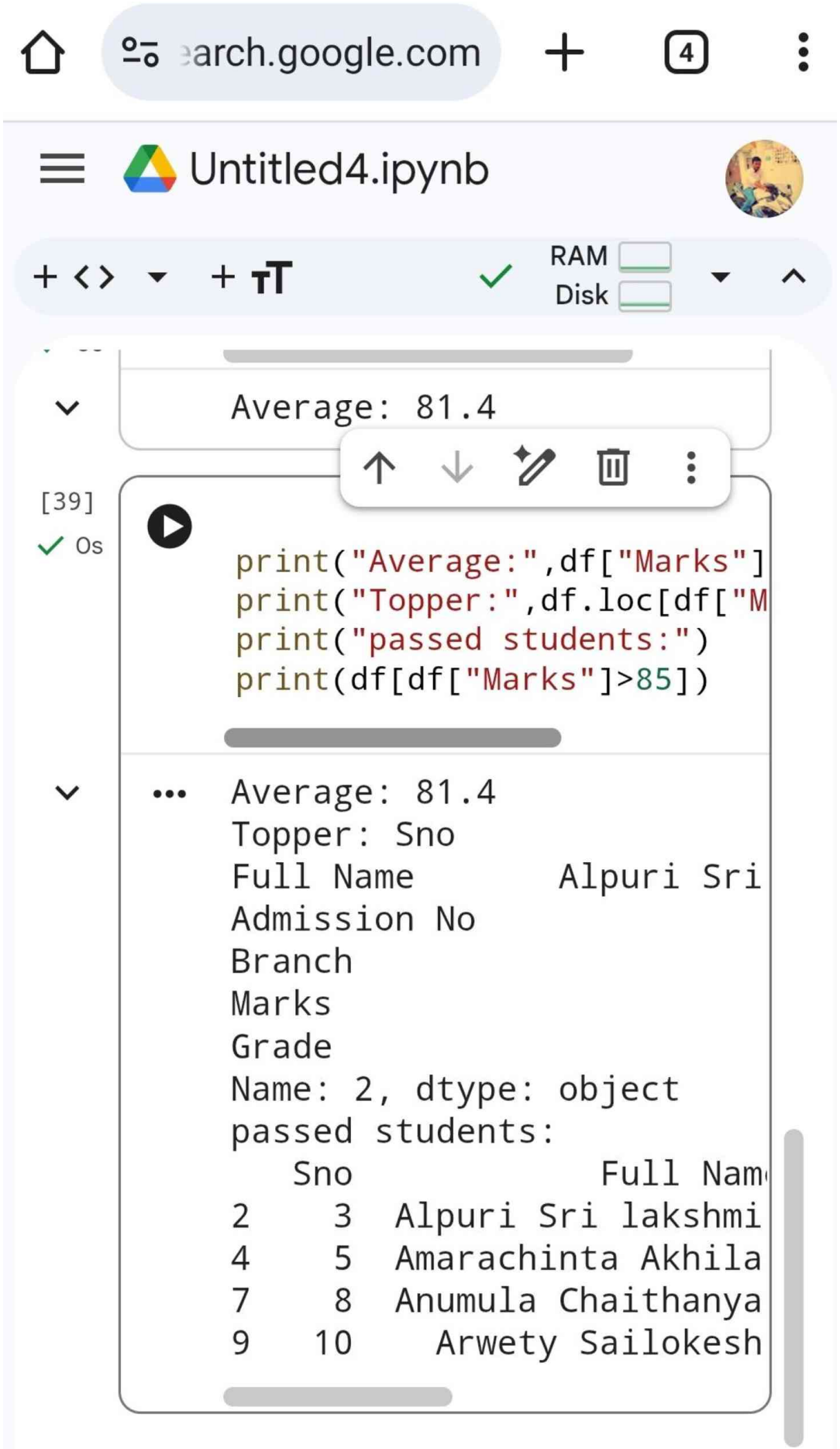

11:16
earch.google.com
Untitled4.ipynb
RAM
Disk
0s
np.int64(814)
[20]
0s
df
Branch")["Marks"
Move cell up
Ctrl+M K
Marks
Branch
BCA 75.500000
BCom 77.000000
BSC 84.833333
dtype: float64
What can I help you build?
Gemini 2.5 Flash


11:19
arch.google.com
Untitled4.ipynb
RAM
Disk
np.int64(814)
[21]
Os
pby("Branch")["Marks"].max()
Marks
Branch
BCA 85
BCom 88
BSC 90
dtype: int64
What can I help you build?
Gemini 2.5 Flash


11:19
arch.google.com
Untitled4.ipynb
RAM
Disk
np.int64(814)
[22]
Os
pby("Branch")["Marks"].min()
Marks
Branch
BCA 66
BCom 66
BSC 78
dtype: int64
What can I help you build?
Gemini 2.5 Flash


11:19
earch.google.com
Untitled4.ipynb
RAM
Disk
np.int64(814)
[23]
0s
pby("Branch")["Marks"].sum()
Marks
Branch
BCA 151
BCom 154
BSC 509
dtype: int64
What can I help you build?
Gemini 2.5 Flash


arch.google.com
Untitled4.ipynb
RAM
Disk
BCom 154
BSC 509
dtype: int64
[26]
0s
mbda x:"A"if x>=90 else "B")
sion No Branch Marks Grade
19709 BSC 78 B
19760 BSC 85 B
19842 BSC 90 A
20215 BCom 66 B
20170 BCom 88 B
19843 BSC 78 B
19887 BCA 85 B
20522 BSC 90 A
19888 BCA 66 B
19860 BSC 88 B
What can I help you build?
Gemini 2.5 Flash


earch.google.com
Untitled4.ipynb
RAM
Disk
Average: 81.4
[39]
0s
print("Average:",df["Marks"]
print("Topper:",df.loc[df["M
print("passed students:")
print(df[df["Marks"]>85])
Average: 81.4
Topper: Sno
Full Name Alpuri Sri
Admission No
Branch
Marks
Grade
Name: 2, dtype: object
passed students:
Sno Full Nam
2 3 Alpuri Sri lakshmi
4 5 Amarachinta Akhila
7 8 Anumula Chaithanya
9 10 Arwety Sailokesh