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The screenshot shows a Python development environment. At the top, there's a toolbar with icons for file operations (New, Open, Save, etc.), a Run button (highlighted in green), a Debug button (blue), and a Stop button (red). Below the toolbar, the file name "main.py" is displayed. The code area contains four lines of Python code:

```
1 import math
2 print(math.sqrt(25))
3 print(math.factorial(5))
4 print(math.pi)
```

Below the code, the output window displays the results of the program's execution:

```
5.0
120
3.141592653589793
```

At the bottom of the output window, the message "...Program finished with exit code 0" is shown, followed by "Press ENTER to exit console." A small input field is visible next to the "input" icon in the toolbar.

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The screenshot shows a Python development environment. At the top, there's a toolbar with icons for file operations (New, Open, Save, etc.), a Run button (highlighted in green), a Debug button (blue), and a Stop button (red). Below the toolbar, the file 'main.py' is selected. The code editor contains the following Python script:

```
1 import datetime
2 today=datetime.date.today()
3 print(today)
4
```

Below the code editor is a terminal window with a dark background. It displays the output of the program execution:

```
2026-02-05
...Program finished with exit code 0
Press ENTER to exit console.
```

A screenshot of a terminal window within a software interface. The window title is "main.py". The code area contains the following Python script:

```
1 import sys
2 print(sys.version)
3
```

The output area shows the following text:

```
3.13.7 (main, Aug 14 2025, 11:12
:11) [GCC 14.3.0]
```

Below the output, a message indicates the program has finished:

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



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RAM

Disk



Connected to

Python 3 Google Compute Engine backend

RAM: 1.09 GB/12.67 GB

Disk: 21.17 GB/107.72 GB

[1]: In [1]:

print(data)

... [[1. 78.]
[2. 85.]
[3. 90.]
[4. 66.]
[5. 88.]]

[]

What can I help you build?



Gemini 2.5 Flash ▾





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RAM



Disk



Connected to

Python 3 Google Compute Engine backend

RAM: 1.09 GB/12.67 GB

Disk: 21.17 GB/107.72 GB

```
[1] ✓ data=np.loadtxt('content/mar  
print(data)
```

```
[[ 1. 78.  
[ 2. 85.  
[ 3. 90.  
[ 4. 66.  
[ 5. 88.]
```



[2]
✓ 0s



```
roll=data[:,0]  
marks=data[:,1]  
print("Roll numbers:",roll)  
print("Marks",marks)
```

▼



```
... Roll numbers: [1. 2. 3. 4.  
Marks [78. 85. 90. 66. 88.
```

What can I help you build?



Gemini 2.5 Flash ▾ ▶





RAM



Disk



[1]

✓ Os

```
import numpy as np  
data=np.loadtxt("/content/m  
print(data)
```



```
[[ 1. 78.]  
 [ 2. 85.]  
 [ 3. 90.]  
 [ 4. 66.]  
 [ 5. 88.]]
```

[2]

✓ Os

```
roll=data[:,0]  
marks=data[:,1]  
print("Roll numbers:",roll)  
print("Marks",marks)
```



```
Roll numbers: [1. 2. 3. 4.  
Marks [78. 85. 90. 66. 88.
```



[4]

✓ Os



```
Highest marks:",np.max(marks))  
lowest marks:",np.min(marks))
```



```
... Highest marks: 90.0  
Lowest marks: 66.0
```





RAM

Disk



[2]

✓ 0s

```
roll=data[:,0]
marks=data[:,1]
print("Roll numbers:",roll)
print("Marks",marks)
```



Roll numbers: [1. 2. 3. 4.
Marks [78. 85. 90. 66. 88.

[4]

✓ 0s

```
Highest marks:",np.max(marks))
Lowest marks:",np.min(marks))
```



Highest marks: 90.0
Lowest marks: 66.0



[5]

✓ 0s



```
average=np.mean(marks)
print("Average marks:", average)
```



... Average marks: 81.4





+ < > ▾ + T ✓ RAM [] Disk []

[4] **lowest marks:** np.min(marks))

✓ 0s

Highest marks: 90.0
Lowest marks: 66.0

[5]

✓ 0s

```
average=np.mean(marks)
print("Average marks:", average)
```

▼

Average marks: 81.4

[7]

✓ 0s

```
grades=np.where(marks>=90, "A"
np.where(marks>=75, "B",
np.where(marks>=60, "C", "D")))
print("Grades",grades)
```

▼

... Grades ['B' 'B' 'A' 'C' 'B'





+ < > ▾

+ T T



RAM



Disk



Highest marks: 90.0

Lowest marks: 66.0

[5]

✓ 0s

```
average=np.mean(marks)
print("Average marks:", average)
```



Average marks: 81.4

[7]

✓ 0s

```
grades=np.where(marks>=90, "A"
np.where(marks>=75, "B",
np.where(marks>=60, "C", "D")))
print("Grades",grades)
```



Grades ['B' 'B' 'A' 'C' 'B'

[8]

✓ 0s



```
i-wise sum",np.sum(data, axis=0
se sum",np.sum(data, axis=1))
```



... Column-wise sum [15. 407.
Row-wise sum [79. 87. 93.



```
y
import numpy as np
arr = np.array([10, 15, 22, 33,
even=np.sum(arr % 2 == 0)
odd=np.sum(arr % 2 != 0)
print("Array:", arr)
print("Even numbers:", even)
print("Odd numbers:", odd)

Array: [10 15 22 33 40 55 60]
Even numbers: 4
Odd numbers: 3

...Program finished with exit code 0
Press ENTER to exit console.
```