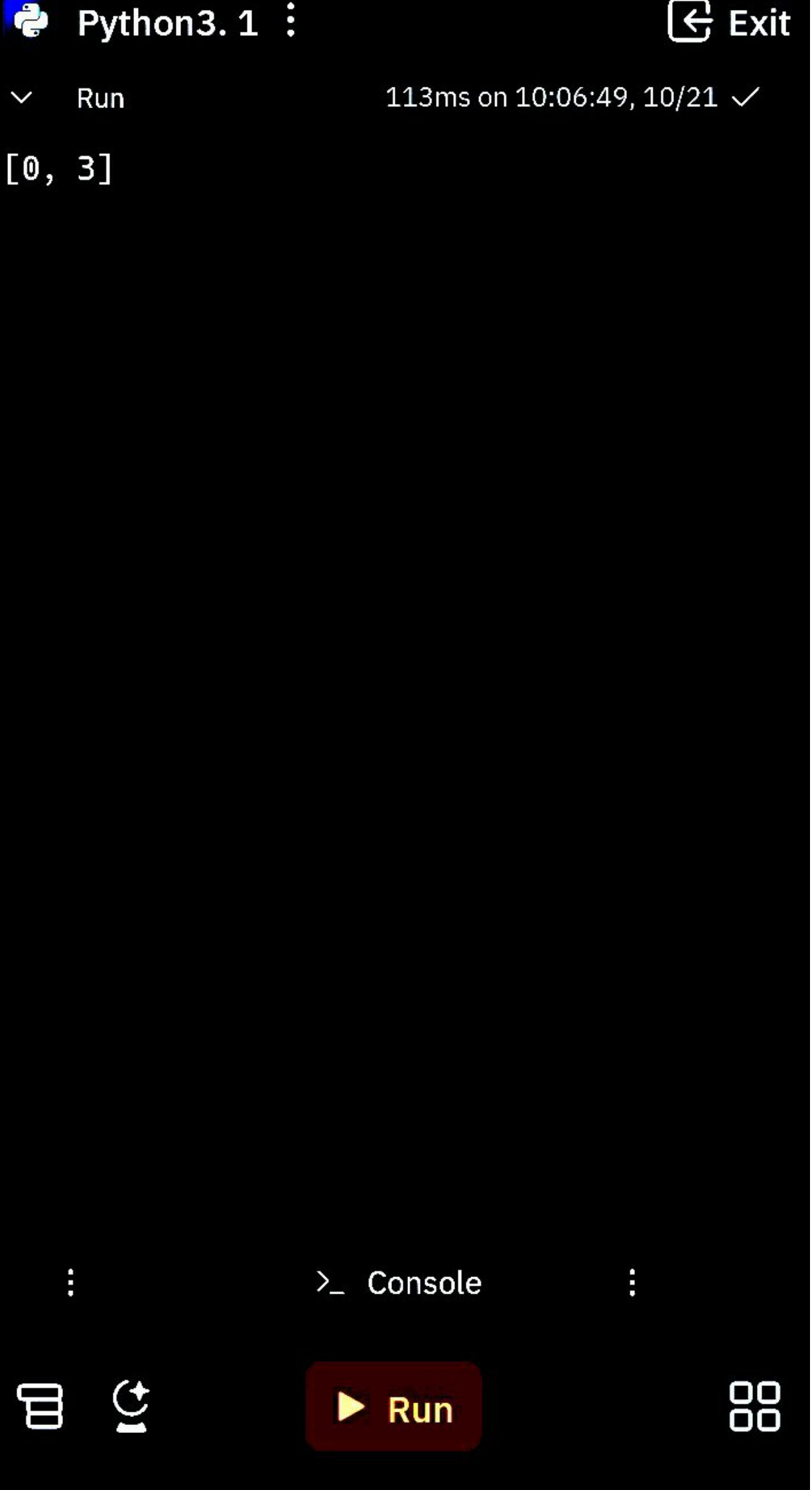
Python3. 1 Exit

```
def linear_search_product(product_list, target_product):
    indices = []
    for index, product in enumerate(product_list):
        if product == target_product:
            indices.append(index)
    return indices


products = ["Apple", "Banana", "Orange", "Apple", "Grapes"]
target = "Apple"
result = linear_search_product(products, target)
print(result)  # Output: [0, 3]

```

Ln 1, Col 1 • Spaces: 2 History

main.py

Run


Python3. 1
Exit
Run
113ms on 10:06:49, 10/21
[0, 3]
Console
Run

Python3.2 Exit

```python
class Student:

  def __init__(self, name, roll_number, cgpa):
      self.name = name
      self.roll_number = roll_number
      self.cgpa = cgpa


def sort_students(student_list):
  sorted_students = sorted(student_list,

  key=lambda student: student.cgpa,

  reverse=True)
  return sorted_students


# Test the function with a list of student objects
students = [
    Student("Alice", "A001", 3.8),
```

Ln 1, Col 1 • Spaces: 2 History

main.py

Run

```
# Test the function with a list of student objects
students = [
    Student("Alice", "A001", 3.8),
    Student("Bob", "B002", 3.5),
    Student("Charlie", "C003", 3.9),
    Student("David", "D004", 3.7),
]

sorted_students = sort_students(students)

for student in sorted_students:
    print(
        f"Name: {student.name}, Roll Number: {student.roll_number}, CGPA: {student.cgpa}"
    )

```

```
Name: Charlie, Roll Number: C003, CGPA:
 3.9
Name: Alice, Roll Number: A001, CGPA: 3
.8
Name: David, Roll Number: D004, CGPA: 3
.7
Name: Bob, Roll Number: B002, CGPA: 3.5
```