



Challenge 3.1 :

Exit

```
1 v def linear_search_product(product_list,
    target_product):
2     indices = []
3 v     for i, product in
        enumerate(product_list):
4 v         if product == target_product:
5             indices.append(i)
6     return indices
```

Ln 1, Col 1 History ↺

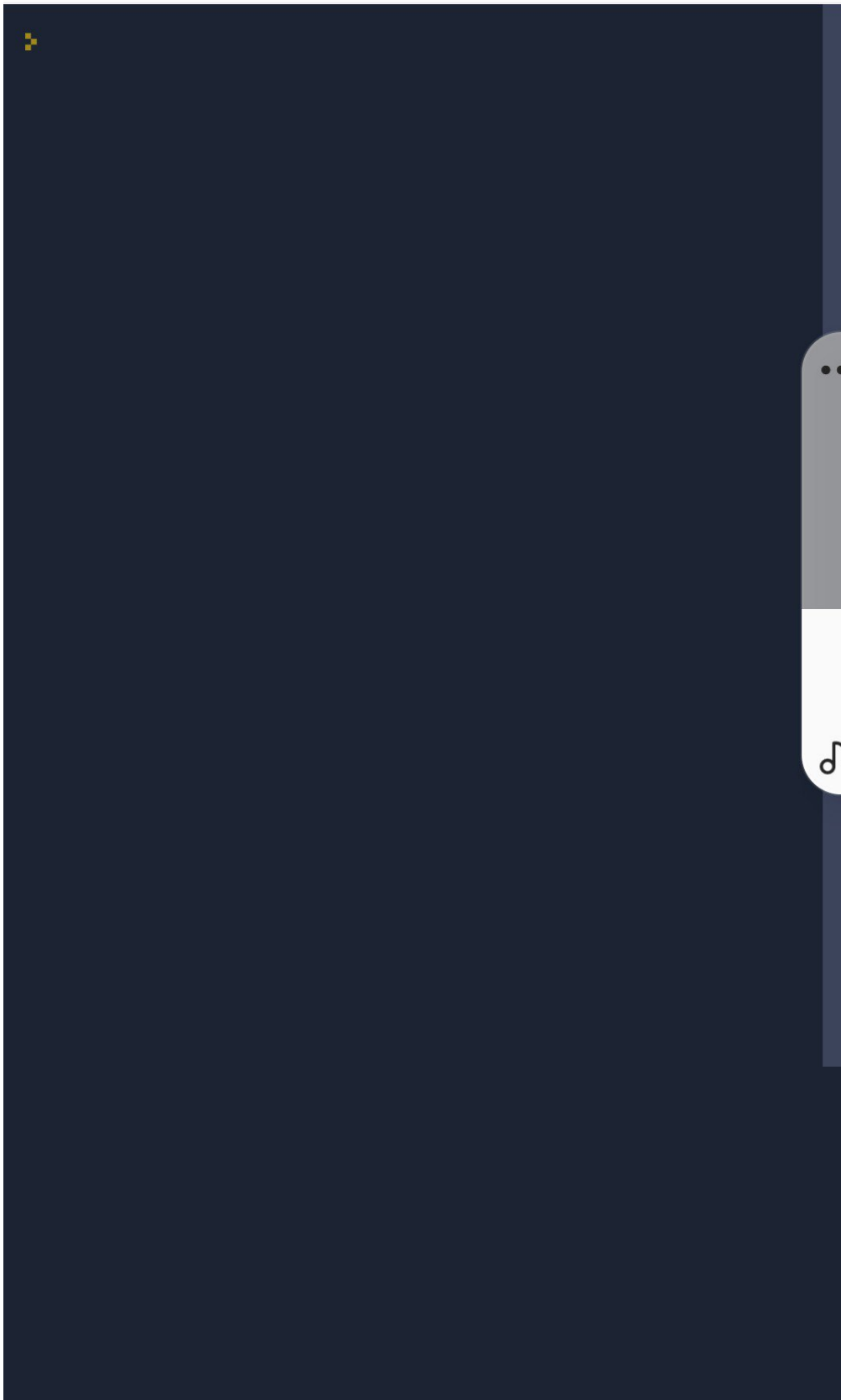


main.py



Run





>_ Console

 Run



```
1 class Student:
2     def __init__(self, name,
3         roll_number, cgpa):
4         self.name = name
5         self.roll_number = roll_number
6         self.cgpa = cgpa
7
8 def sort_students(student_list):
9     sorted_students =
10     sorted(student_list, key=lambda
11         student: student.cgpa, reverse=True)
12     return sorted_students
13
14 # Example usage:
15 students = [
16     Student("Alice", "A123", 3.9),
17     Student("Bob", "B456", 3.7),
18     Student("Charlie", "C789", 3.5),
19     Student("David", "D234", 3.8),
20 ]
21
22 sorted_students =
23 sort_students(students)
24
25 for student in sorted_students:
26     print(f>Name: {student.name}, Roll
27         Number: {student.roll_number}, CGPA:
28         {student.cgpa}")
```

Ln 22, Col 93 History



main.py



Run





```
Name: Alice, Roll Number: A123, CGPA: 3.9  
Name: David, Roll Number: D234, CGPA: 3.8  
Name: Bob, Roll Number: B456, CGPA: 3.7  
Name: Charlie, Roll Number: C789, CGPA: 3.5  
█
```



>_ Console



Run

