

```

1  from abc import ABC, abstractmethod
2
3  # Abstract class Vehicle
4  class Vehicle(ABC):
5      @abstractmethod
6      def calculate_rent(self, days):
7          pass
8
9  # Derived class Car
10 class Car(Vehicle):
11     def calculate_rent(self, days):
12         # Assuming rent for a car is 1000 per day
13         return 1000 * days
14
15 # Derived class Bike
16 class Bike(Vehicle):
17     def calculate_rent(self, days):
18         # Assuming rent for a bike is 500 per day
19         return 500 * days
20
21 # Function to get total rent based on vehicle type

```

```
PS D:\py2.py\python_training> & 'c:\Users\welcome\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\welcome\AppData\Local\Programs\Python\Python313\python\python\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '51965' '--' 'd:\py2.py\python_training\main.py'
Total Rent: 3000
PS D:\py2.py\python_training>
```