Exceptions and oop concept

```python
try:
    x = 1 / 0
except ZeroDivisionError:
    print("Division by zero error occurred")
except Exception as e:
    print("An error occurred:", e)
else:
    print("No exception occurred")
finally:
    print("Finally block always executes")

class Car:
    def __init__(self, make, model):
        self.make = make
        self.model = model

    def display_info(self):
        print(f"Car make: {self.make}, Model: {self.model}")

car1 = Car("Toyota", "Camry")
car2 = Car("Honda", "Accord")

car1.display_info()
car2.display_info()

class ElectricCar(Car):
    def __init__(self, make, model, battery_capacity):
        super().__init__(make, model)
        self.battery_capacity = battery_capacity

    def display_info(self):
        print(f"Electric Car make: {self.make}, Model: {self.model},
Battery Capacity: {self.battery_capacity}")

electric_car = ElectricCar("Tesla", "Model S", "100 kWh")
electric_car.display_info()

class BankAccount:
    def __init__(self):
        self.__balance = 0

    def deposit(self, amount):
        self.__balance += amount

    def withdraw(self, amount):
        if self.__balance >= amount:
            self.__balance -= amount
        else:
            print("Insufficient balance")

    def get_balance(self):
        return self.__balance

account = BankAccount()
account.deposit(100)
account.withdraw(50)
print("Current Balance:", account.get_balance())
```

```
C:\Users\jsuma\PycharmProjects\LMS\.venv\Scripts\python.exe "C:\Users\jsuma\PycharmProjects\LMS\Working with Exceptions and OOPS Concept.py"
Division by zero error occurred
Finally block always executes
Car make: Toyota, Model: Camry
Car make: Honda, Model: Accord
Electric Car make: Tesla, Model: Model S, Battery Capacity: 100 kWh
Current Balance: 50

Process finished with exit code 0
```