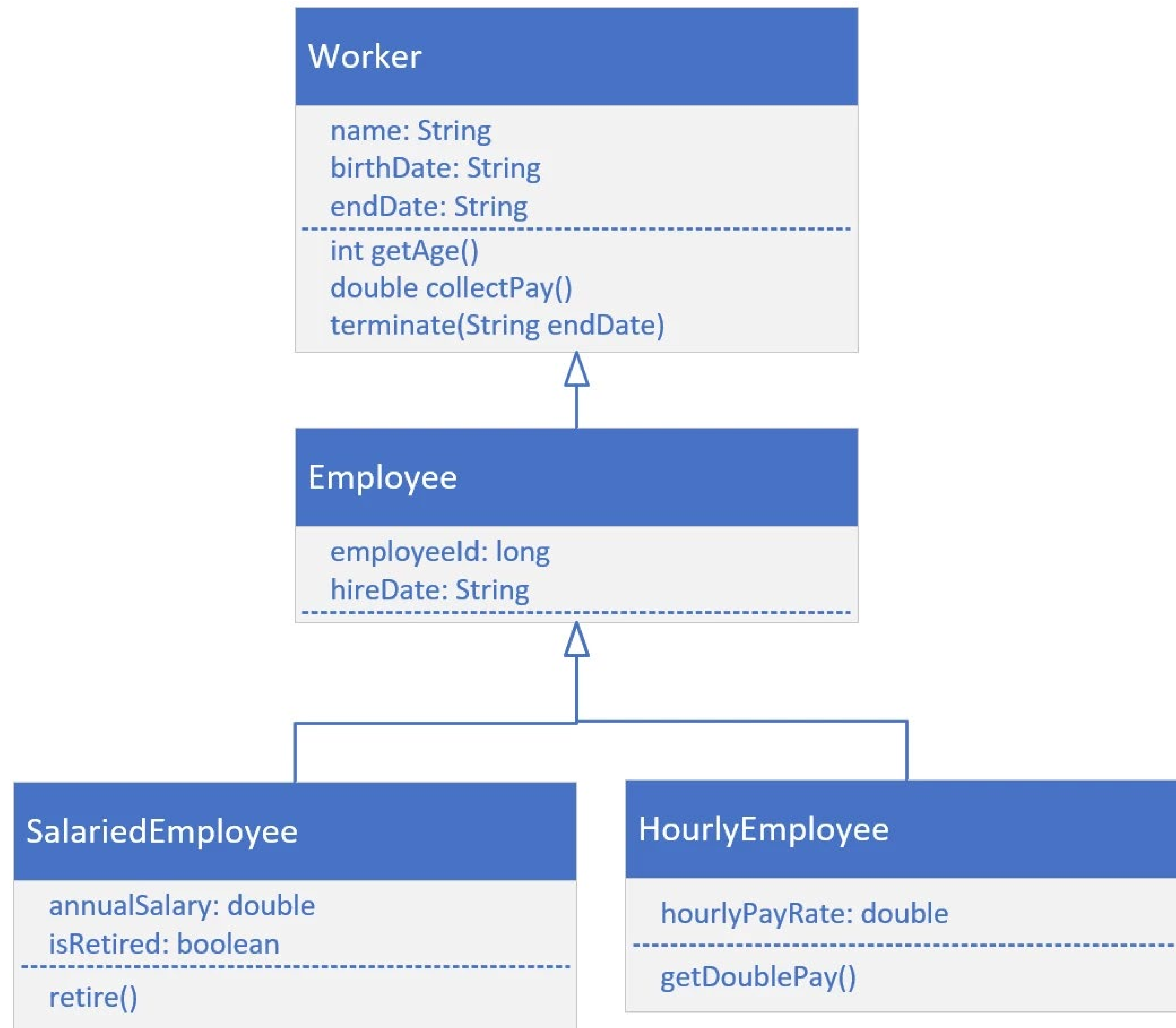


Inheritance Challenge

Now it's time for a challenge, to solidify your understanding, of what inheritance is.

For this challenge, I'm going to show you a class diagram, like we worked with in the previous videos.

Inheritance Challenge

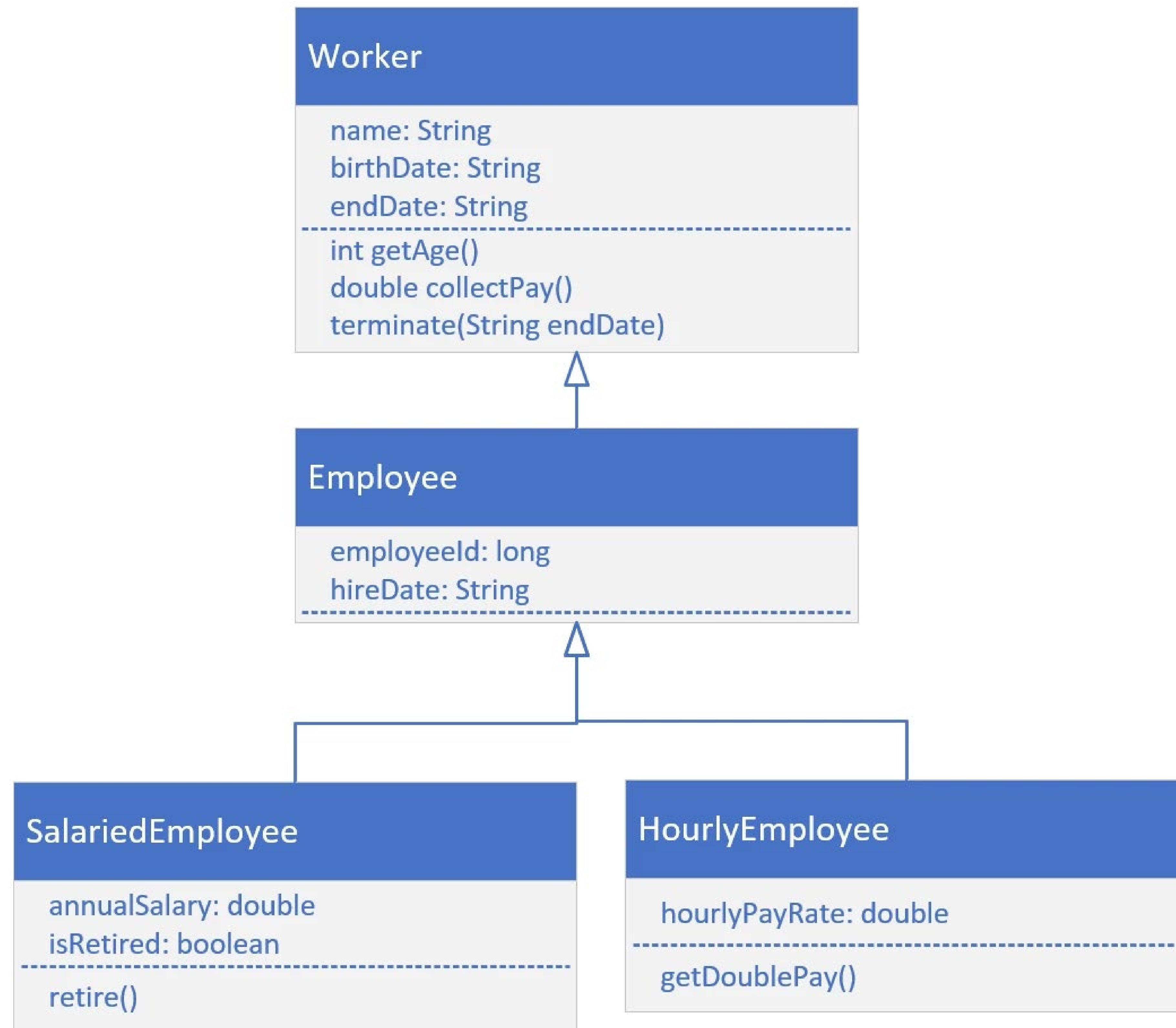


Your challenge is to create the Worker class, the Employee class, and either the SalariedEmployee, or the HourlyEmployee class.

For each class, create the attributes and methods shown on this diagram.

Create a main method that will create either a SalariedEmployee or HourlyEmployee, and call the methods, `getAge`, `collectPay`, and the method shown for the specific type of class you decide to implement.

Inheritance Challenge



So if you implement `SalariedEmployee`, then execute `retire()`.

If you implement `HourlyEmployee`, then execute `getDoublePay()`.

Worker class

Worker

name: String

birthDate: String

endDate: String

int getAge()

double collectPay()

terminate(String endDate)

the Employee Class

For this class, we have specific Employee attributes, `employeeId`, and `hireDate`.

For simplicity's sake, we haven't included any methods specific to an Employee.

