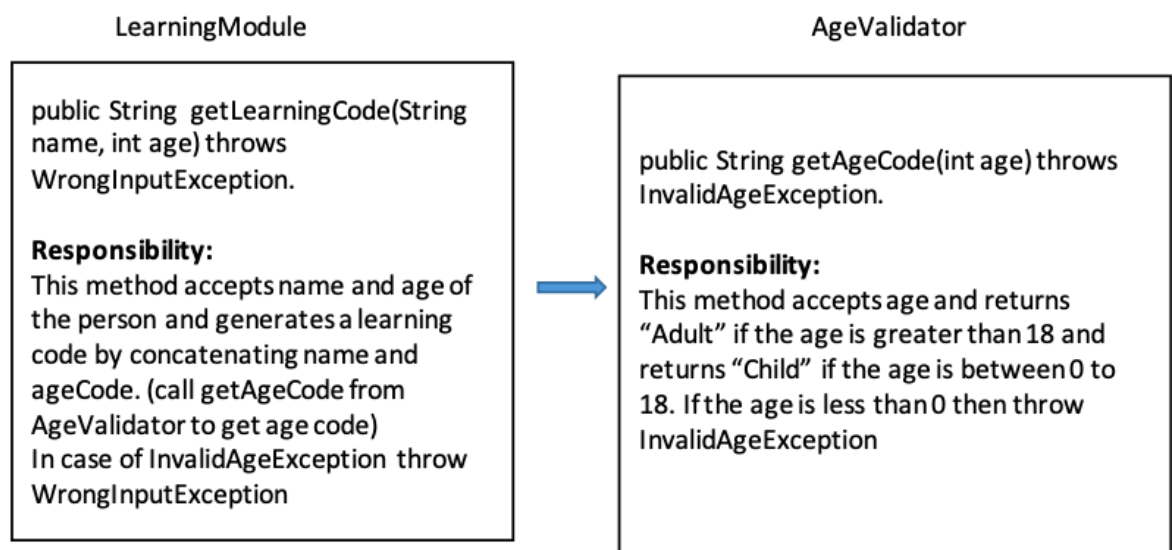


## Day 5 Assignments

1. Demonstrate your understanding of the below concepts by writing necessary classes and methods
  - Single try ... catch ... finally block
  - Multiple catch blocks
  - Nested try-catch blocks
  - Usage of throw and throws keywords.
2. Create a checked exception `InvalidAgeException`. Override all the constructors from the super class
3. Create a `RuntimeException` `WrongInputException`. Override all the constructors from the super class
4. Create the below two classes. `LearningModule` class is dependent on `AgeValidator` class to check whether the age is valid or not.



Create the Main class for accepting the data from the user and call the methods on `LearningModule` object. In case of any exceptions catch the exception and display the appropriate message to the user.

5. In Day4 Q6 modify the interface definition as follows

### Storage (Interface)

```
void addEmployee(Employee e) throws EmployeeAlreadyExistsException  
Employee getEmployee(int empno) throws EmployeeNotFoundException
```

- While adding the employee if the employee with the same id already exists in the array Raise `EmployeeAlreadyExistsException`

- While Searching if the Employee with the given empno is not found in the array then raise EmployeeNotFoundException.

Create the required exceptions and modify any other classes accordingly.