



Subject Name :Object Oriented Programming
Course Code:2CS303



Airline Reservation System

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List ALL Flight

**Search For A
flight**

Book Ticket

Print Ticket

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17 June, 2022

INTRODUCTION:

- USED JAVA CONCEPTS:

1.Inheritance

2.String Handeling

3.Methods

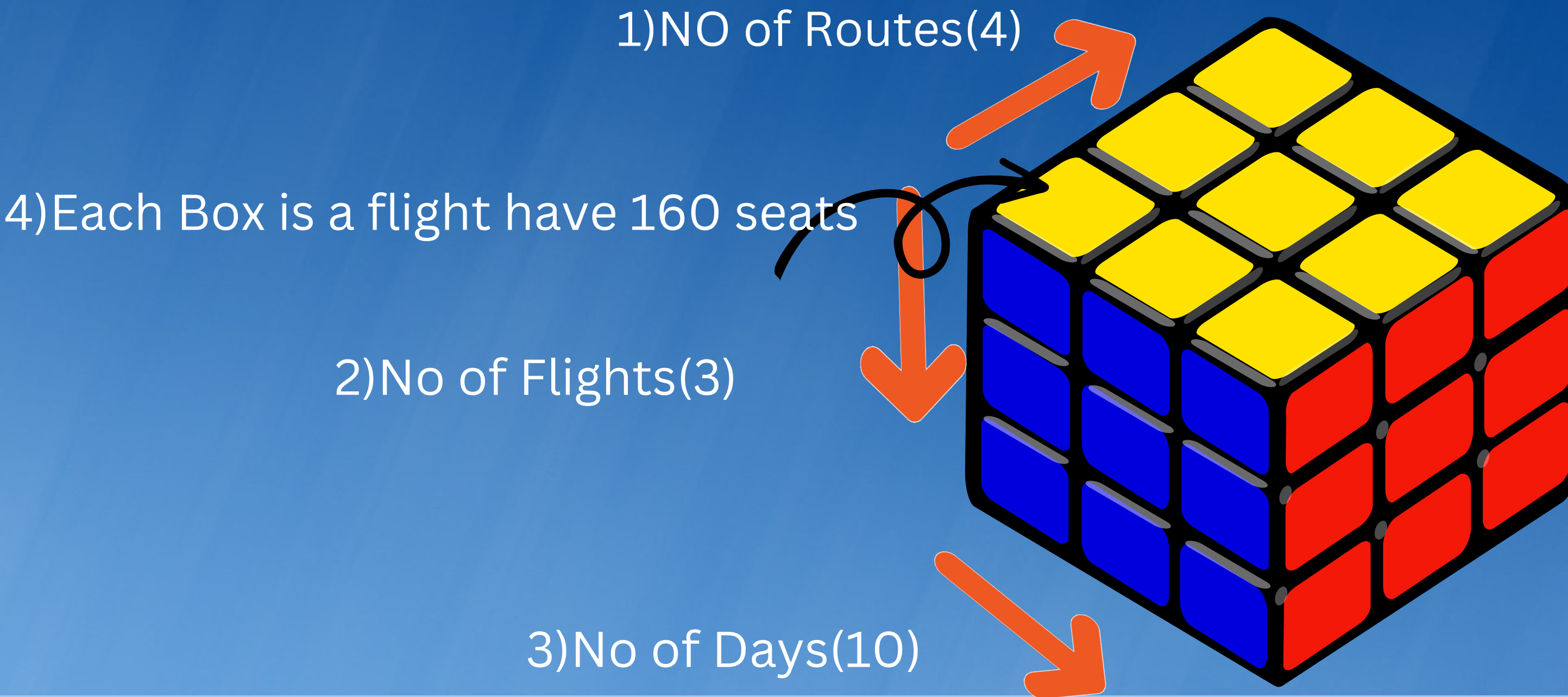
4.Object & Classes

5.Multi Dimension Array

6.Array Of Object

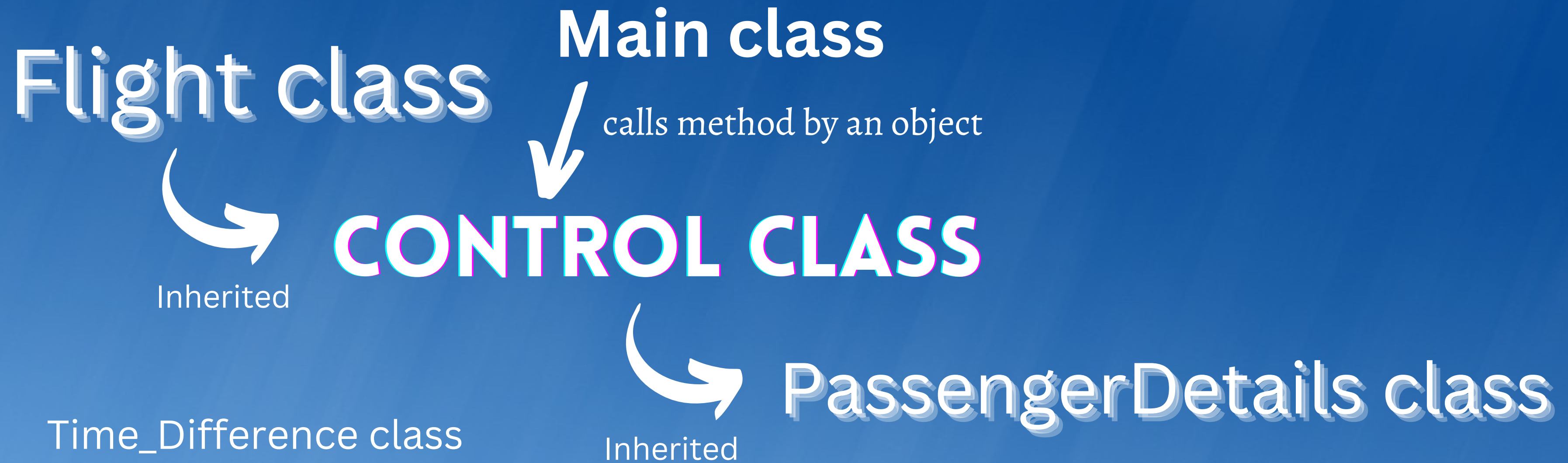


Why Use Multi Dimension Array?



4D Array for Seat allotment

What We have done ?



Why use String handling?

1) To Rectify the user Input Time mistakes

like, First letter should be Capital

- Incorrect Size of Mobile Number, Aadhar card Number, Cvv Number
- use Different data types
- Convert char Array to String

Example:

```
Passenger.fullname = Passenger.firstname.substring(0, 1).toUpperCase()  
    + firstname.substring(1, firstname.length()).toLowerCase()  
    + " " + Passenger.middlename.substring(0, 1).toUpperCase()  
+ middlename.substring(1, middlename.length()).toLowerCase()  
    + " " + Passenger.lastname.substring(0, 1).toUpperCase()  
    + lastname.substring(1, lastname.length()).toLowerCase();
```


Why use Exception Handling?

- **Java try and catch:**

->The try statement allows you to define a block of code to be tested for errors while it is being executed. The catch statement allows you to define a block of code to be executed, if an error occurs in the try block.

- The object, called an exception object, contains information about the error, including its type and the state of the program when the error occurred.

We use it in Date Format Which is taken from the user.

***Thank
you!***

