Class: Airport

Member Variables

Airplane jetBlue4647

Airplane jetBlue1285

Airplane delta3481

Airplane delta2161

Airplane delta4176

Airplane delta4028

Airplane delta3985

Airplane amAir4092

Airplane amAir5231

Airplane amAir1904

PlaneModel airBusA320

PlaneModel bombCRJ

PlaneModel airBusA330

Runway runwayA

Runway runwayB

Runway runwayC

Gate gateB44

Gate gateB46

Gate gateB51

Gate gateD76

Gate gateD79

Gate gateE04

Gate gateE05

Gate gateE07

int numPlanesProcess

Methods

main()

createPlaneModels()

createAirplanes()

createGates()

createRunways()

menu()

controlMenu()

arrivalsBoard()

arrivalPrint(Airplane displaying)

departuresBoard()

departuresPring(Airplane displaying)

runwayStatus()

print Runway Status (Runway

runwayPrinting)

gateStatus()

printGateStats(Gate gatePrinting)

airplaneProcessingMenu()

flightDirector(Airplane movingPlane,

Runway runwayToUse

getYesNo()

Class: Airplane

Member Variables

String name

String airline

String status

String arrivalTime

String departureTime

String Origin

String destination

PlaneModel planeModel

Methods

takeoff(Runway assignedRunway) land(Runway assignedRunway) parkAtTerminal(Gate assignedGate)

| | Class: Gate |
|-------------------------|-------------|
| Member Variables | Methods |
| String name | |
| boolean isOccupied | |
| Airplane dockedAirplane | |
| String airline | |
| int sizeSupported | |
| | • |

Class: Runway Member Variables String name int sizeSupported boolean isOccupied Class: Runway Methods getTimeUsed()

| Class: PlaneModel | | |
|-------------------------|---------|--|
| Member Variables | Methods | |
| int numberOfSeats | | |
| int numFlightAttendants | | |
| int planeSize | | |
| String planeType | | |