

Outputs:

We have 12 iterations with 10 seconds gap after each iteration. All 12 iterations screenshots are not pasted here. At the end of the simulation there is a summary which has also been pasted. No input is taken.
3 runways(Airport Simulation)

```
Welcome to the Labyrinth

Departures:
-----

The Flight Departing right now is Flight #466.

Departure Updates:
No more Flights Scheduled for Departure right now.
New Update will be provided soon.

Arrivals:
-----

The Flight Arriving Right Now is Flight #122.

The Flight Arriving Right Now is Flight #108.

Arrival Updates:
Flight #232 will be arriving shortly.

-----
```

The First Iteration

```
Departures:
-----

The Flight Departing right now is Flight #444.

Departure Updates:
Flight Number #237 is now Boarding.
Please Get to your respective Gates.
No more Flights Scheduled for Departure right now.
New Update will be provided soon.

Arrivals:
-----

The Flight Arriving Right Now is Flight #232.

The Flight Arriving Right Now is Flight #151.

Arrival Updates:
Flight #211 will be arriving shortly.

-----
```

The Second Iteration

Departures:

The Flight Departing right now is Flight #237.

The Flight Departing right now is Flight #289.

Departure Updates:

Flight Number #426 is now Boarding.

Please Get to your respective Gates.

Flight Number #247 is starting Security.

Please Get your Security Done.

Arrivals:

The Flight Arriving Right Now is Flight #211.

Arrival Updates:

No more Flights Scheduled for Arrival right now.

New Update will be provided soon.

The Third Iteration

Departures:

The Flight Departing right now is Flight #124.

The Flight Departing right now is Flight #345.

Departure Updates:

Flight Number #400 is now Boarding.

Please Get to your respective Gates.

No more Flights Scheduled for Departure right now.

New Update will be provided soon.

Arrivals:

The Flight Arriving Right Now is Flight #211.

Arrival Updates:

No more Flights Scheduled for Arrival right now.

New Update will be provided soon.

The Last(12th) Iteration

```
Departure Updates:
Flight Number #400 is now Boarding.
Please Get to your respective Gates.
No more Flights Scheduled for Departure right now.
New Update will be provided soon.
```

```
Arrivals:
```

```
-----
```

```
The Flight Arriving Right Now is Flight #211.
```

```
Arrival Updates:
```

```
No more Flights Scheduled for Arrival right now.
New Update will be provided soon.
```

```
-----
```

```
Summary of Labyrinth:
```

Number of Flight Takeoffs:	18
Number of Flights Arrived:	16
Total Number of Flight Activities:	34
Number of Flights left to Takeoff:	4
Number of Flights left to Land:	1

```
amriteshamrit@AmritessMacBook C Assignment %
```

The Final Output