**Part A**

public int getDuration()

{

if(flights.size() == 0 )

{

return 0;

}

else

{

Time start = flights.get(0).getDepartureTime():

Time end = flights.get(flights.size()-1).getArrivalTime();

return start.minutesUntil(end);

}

}

**Part B**

public int getShortestLayover()

{

if( flights.size() < 2)

{

return -1;

}

else

{

Time t1 = flights.get(0).getArrivalTime();

Time t2 = flights.get(1).getDepartureTime();

int min = t1.minutesUntil(t2);

for(int i = 0; i < flights.size()-1; i++)

{

Time arrive = flights.get(i).getArrivalTime();

Time leave = flights.get(i+1).getDepartureTime();

int layover = arrive.minutesUntil(leave);

if(layover < min)

{

min = layover;

}

}

return min;

}

}