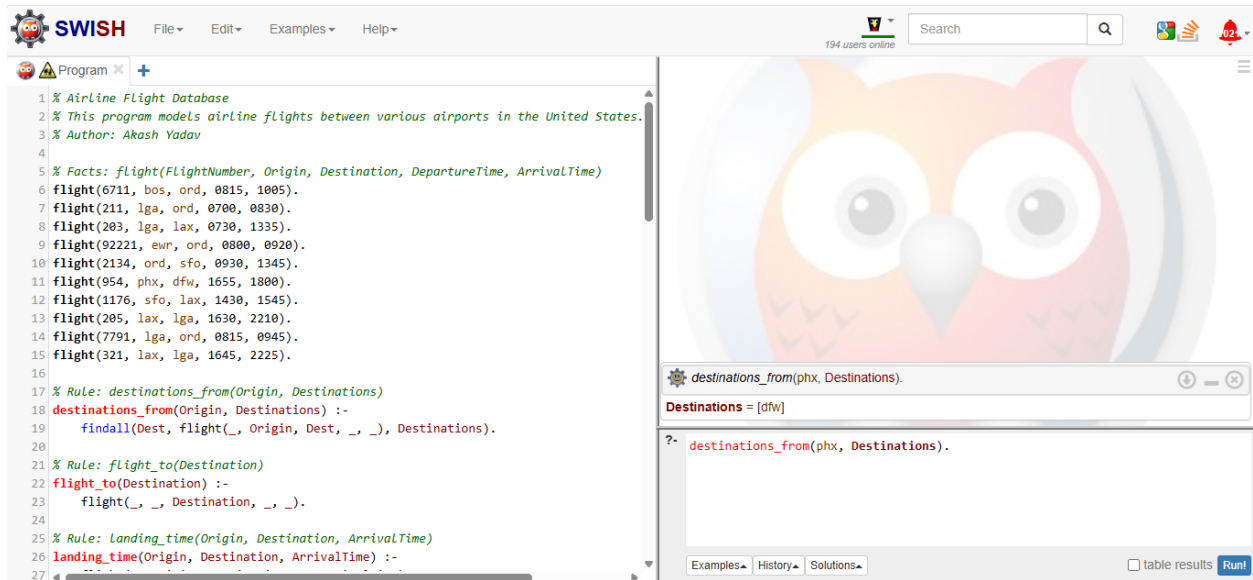


Report

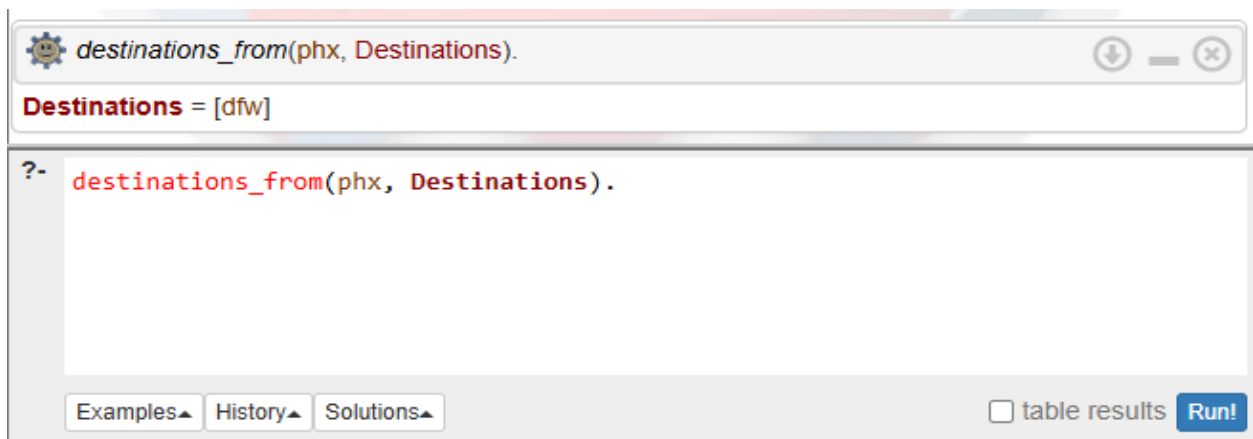
Akash Kumar Yadav



Questions to ask:


1.Where does the flight from PHX go?

Answer:



2.Is there a flight to PHX?

Answer:

 `flight_to(phx).`

false


?- `flight_to(phx).`

Examples▲History▲Solutions▲

☐ table results Run!

3.What time is does the flight from BOS land?

Answer:


 `landing_time(bos, Destination, FlightNumber, ArrivalTime).`

ArrivalTime = 1005,
Destination = ord,
FlightNumber = 6711

?- `landing_time(bos, Destination, FlightNumber, ArrivalTime).`

Examples▲History▲Solutions▲

☐ table results Run!

 `landing_time(bos, ord, FlightNumber, ArrivalTime).`

ArrivalTime = 1005,
FlightNumber = 6711

?- `landing_time(bos, ord, FlightNumber, ArrivalTime).`

Examples▲History▲Solutions▲

☐ table results Run!

4.Does the flight from ORD to SFO depart after the flight from EWR to ORD lands?

Answer:

```
⚙️ departs_after_land(ewr, ord, ord, sfo).  
true 1
```

```
?- departs_after_land(ewr, ord, ord, sfo).
```

Examples History Solutions

☐ table results **Run!**

5.What time do the flights to ORD arrive?

Answer:

```
⚙️ arrival_times(ord, Flights).  
Flights = [[6711, bos, 1005], [211, lga, 830], [92221, ewr, 920], [7791, lga, 945]]
```

```
?- arrival_times(ord, Flights).
```

Examples History Solutions

☐ table results **Run!**

6.What are all the ways to get from LGA to LAX?

Answer:

```
⚙️ findall(Route, route(lga, lax, Route), AllRoutes).  
AllRoutes =  
[[direct(203,lga,lax)], [connection(211,lga,ord), connection(2134,ord,sfo), connection(1176,sfo,lax)]]
```

```
?- findall(Route, route(lga, lax, Route), AllRoutes).
```

Examples History Solutions

☐ table results **Run!**