Take this multiple-choice quiz to assess your mastery of core concepts taught in the *Anypoint Platform Development: Fundamentals (Mule 4)* (/instructor-led-training/apdev-fundamentals4), the self-study *MuleSoft.U Development Fundamentals (Mule 4)* (https://training.mulesoft.com/course/mulesoftu-fundamentals4), the *Anypoint Platform Development: Mule 4 for Mule 3 Users* (/instructor-led-training/apdev-mule443), and the self-study *MuleSoft.U Mule 4 for Mule 3 Users* (https://training.mulesoft.com/course/mulesoftu-mule443) courses and to help you prepare for the *MuleSoft Certified Developer - Level 1 (Mule 4)* (https://training.mulesoft.com/exam/mcd-level1) or *MuleSoft Certified Developer - Level 1 (Mule 4) DELTA* (https://training.mulesoft.com/exam/mcd-level1-delta) certification exam.

- 5+ multiple-choice questions for each topic
- Identifies strengths and weaknesses
- Comparable difficulty to the proctored exam

Writing DataWeave 2.0 Transformations

Quiz

Oh no! You got 2 / 5. Please review your answers.

1.

Refer to the exhibit. An event payload contains an unordered array of flight objects, where every object has a price key and a toAirport key.

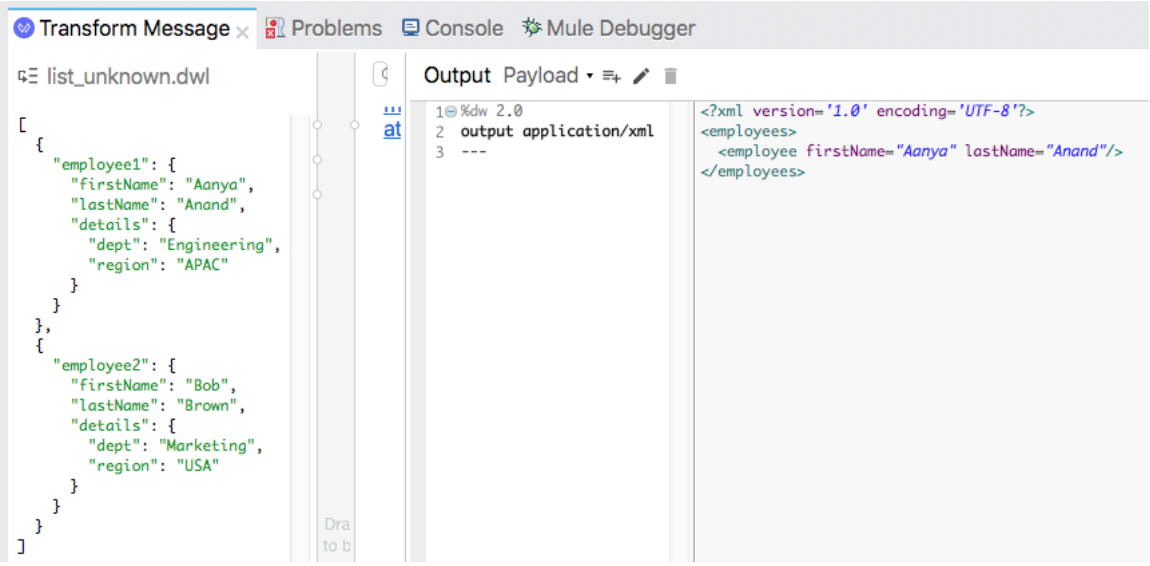
What is valid DataWeave code to return flights with price under 500, grouped by toAirport in ascending order, with the lowest price first?

- payload groupBy $.toAirport filter $.price < 500 orderBy $.price
- payload groupBy $.toAirport filter $.price > 500 orderBy $.price
- payload filter $.price < 500 orderBy $.price groupBy $.toAirport
- payload filter $.price > 500 orderBy $.price groupBy $.toAirport

Correct!

2.

Refer to the exhibit. What is valid DataWeave code to transform the input JSON payload to the output XML payload?



Answers

A.

```
%dw 2.0
output application/xml
---
employees :
  employee
    @(
      firstName: payload[0].employee1.firstName[0],
      lastName: payload[0].employee1.lastName[0]
     ) : null
```

B.

```
%dw 2.0
output application/xml
---
employees :
  employee
    (
      firstName: payload[0].employee1.firstName[0],
      lastName: payload[0].employee1.lastName[0]
    ) : ""
```

C.

```
%dw 2.0
output application/xml
---
employees :
  employee
    @(
      firstName: payload[0].employee1.firstName[0];
      lastName: payload[0].employee1.lastName[0]
    ) : null
```

D.

```
%dw 2.0
output application/xml
---
employees :
  employee
    (
      firstName: payload[0].employee1.firstName[0];
      lastName: payload[0].employee1.lastName[0]
    ) : ""
```

- [x] A
- [ ] B
- [x] C
- [ ] D

Sorry, that's incorrect.

3.

A Mule application has a main flow and a combineNames flow. In the main flow, a variable named fullName is set to the object {firstName: "Max", lastName: "Mule"}.

What is valid DataWeave code to call the combineNames flow with the input object stored in the fullName variable?

- [ ] #[dw::Flow::lookup("combineNames", vars.fullName)]
- [ ] #[dw::Runtime::lookup("combineNames", vars.fullName)]
- [x] #[lookup("combineNames", vars.fullName)]
- [x] #[combineNames(vars.fullName)]
- [ ] #[lookup(combineNames(vars.fullName))]

Sorry, that's incorrect.

4.

What DataWeave 2.0 type can be used as input to a map operation?

- [x] Array
- [ ] Object
- [x] Map
- [ ] String
- [ ] Key

Sorry, that's incorrect.

5.

What is the correct way to format the decimal 20.3844 as a string to two decimal places?

- [x] 20.3844 as String {format: ".0#"}
- [ ] 20.3844 as :string {format: ".0#"}
- [ ] 20.3844 as String as format: ".0#"
- [ ] 20.3844 as :string as format: ".0#"
- [ ] 20.3844 as String (format = ".0#")
- [ ] 20.3844 as :string (format = ".0#")

Correct!

Oh no! You got 2 / 5. Please scroll up to review your answers.

Next: Triggering Flows