

OutSystems Associate Reactive Developer

1. During the 1-Click Publish, your application data model, code, and interface is compiled and generates .NET code, HTML, JavaScript and CSS. True or False?

A. False

B. True

Answer(s): B

2. Which of the following steps is necessary to create a 1-to-1 relationship between Entity A and Entity B?

A. Set the data type of the identifier attribute of Entity B to Entity A Identifier.

B. Add a new Entity C, with two reference attributes of type Entity A Identifier and Entity B U Identifier.

C. Add a new reference attribute of type Entity B Identifier to Entity A.

D. Add a new Entity C, with the identifier attribute being a composition of types Entity A Identifier and Entity B Identifier.

Answer(s): A

3. Considering ListItem and List Actions, which of the following options is false?

A. When List Items have the full swiping option activated, the List Action is not necessary.

B. The List Action triggers a Screen Action that will have the logic to be executed on swipe.

C. List Actions can only be used inside List Items.

D. List Items can be used outside of Lists.

Answer(s): A

4. Which of the following mappings between OutSystems and the Database is NOT correct?

A. Reference attribute - Primary Key.

B. Index - Index.

C. Entities - Tables.

D. Attributes - Column.

Answer(s): A

5. Static Entities are most similar to which other programming concept?

A. Enumeration.

B. Linked lists.

C. Hash Maps.

D. Static variables.

Answer(s): A

6. The flow of an action can have...

A. ... one or more Start nodes but only one End node.

B. ... only one Start node and one End node.

C. ... only one Start node but multiple End nodes.

D. ... multiple Start and End nodes.

Answer(s): C

7. Which of the following is not an Entity Action of the Customer Entity?

A. DeleteCustomer.

B. UpdateCustomer.

C. CreateCustomer.

D. RetrieveCustomer.

Answer(s): D

8. How is the data fetched by an Aggregate bound to a Table or a List widget?

A. By setting the Source property of the widget to the output of the Aggregate.

B. By creating a Screen Action that programmatically assigns the widget to the data fetched by the Aggregate.

C. The binding is done automatically since the Aggregate is in the scope of the Screen.

D. By adding an Expression inside the widget that refers to an attribute of the data fetched by the Aggregate.

Answer(s): A

9. In an Aggregate, the purpose of the Test Values section is...

A. To define the order of its output records.

B. To define the Entities we want to get records from.

C. To define values for testing the preview of the Aggregate's output.

D. To set the conditions to get specific records, not all the records.

Answer(s): C

10. Regarding Reactive Web Apps in OutSystems, which of the following options is false?

A. A Reactive Web App is a cross-device app.

B. The code generated by OutSystems results in a single-page application.

C. A developer builds the Reactive Web App in Service Studio.

D. Data requests are executed synchronously.

Answer(s): D

11. Which of the following steps is necessary to create a many-to-many relationship between Entity A and Entity B?

A. Add a new Entity C, with two reference attributes of type Entity A Identifier and Entity B V U Identifier.

B. Set the data type of the identifier attribute of Entity B to Entity A Identifier.

C. Add a new reference attribute of type Entity B Identifier to Entity A and a new reference attribute of type Entity A Identifier to Entity B.

D. Add a new reference attribute of type Entity B Identifier to Entity A.

Answer(s): A

12. Regarding the If Widget, which of the following options is false?

A. Functions can be used inside the Condition of an If.

B. Only one of the branches is shown at runtime.

C. Multiple widgets may be added inside each branch.

D. More branches may be added to an If Widget.

Answer(s): D

13. The Expression widget...

A. ... displays text calculated at runtime.

B. ... displays only the result of mathematical expressions.

C. ... displays only static text.

Answer(s): A

14. Which of the following is a characteristic of a Static Entity?

A. It can't be extended with any new attributes.

B. It has two Entity Actions.

C. It can't be changed after the first publish.

D. It contains a set of Records.

Answer(s): D

15. Regarding the Container widget, which of the following options is false?

A. By default, containers can span from 1 column up to 12 columns.

B. Containers allow grouping several widgets.

C. All containers must have at least one widget inside.

D. Containers can be placed inside other containers.

Answer(s): C

16. Regarding Sorting in Aggregates, which of the following options is correct?

A. Aggregates only support one sorting criterion.

B. It is only possible to set multiple sorting criteria if duplicate records exist in the entity.

C. If more than one sorting criterion is defined, all of them must have the same direction (ascending or descending).

D. It is mandatory to set the direction for all sorting criteria (ascending or descending).

Answer(s): D

17. Client Actions and Server Actions can have the following variables:

A. Input Parameters and Local Variables, but no Output Parameters.

B. Input and Output Parameters, but no Local variables.

C. Output Parameters and Local Variables, but no Input Parameters.

D. Input and Output Parameters, as well as Local Variables.

Answer(s): D

18. Regarding Mobile (Phone or Tablet) Apps in OutSystems, which of the following options is false?

A. Mobile Apps can be distributed as a PW

B. The programming model of Mobile Apps is similar to Reactive Web Apps.

C. Mobile Apps can run natively on iOS and Android.

D. Mobile Apps do not have offline capabilities.

Answer(s): D

19. In an Aggregate, the Sources section is used for...

A. Defining values for testing the Aggregate's output records.

B. Defining conditions to get specific subsets of records.

C. Defining the Entities we want to retrieve records from.

D. Defining the order of the Aggregate's output records.

Answer(s): C

20. In which Service Studio layer can Entities be found?

A. Data

B. Logic

C. Processes

D. Interface

Answer(s): D
