

HOTSPOT -

You are building a chatbot for a Microsoft Teams channel by using the Microsoft Bot Framework SDK. The chatbot will use the following code.

```
protected override async Task OnMembersAddedAsync(IList<ChannelAccount>
membersAdded, ITurnContext<IConversationUpdateActivity> turnContext,
Cancellation token cancellationToken)
{
    foreach (var member in membersAdded)
        if (member.Id != turnContext.Activity.Recipient.Id)
            await turnContext.SendActivityAsync($"Hi there - {member.Name}.
{WelcomeMessage}", cancellationToken: cancellationToken);
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

| Statements | Yes | No |
|---|-----------------------|-----------------------|
| OnMembersAddedAsync will be triggered when a user joins the conversation. | <input type="radio"/> | <input type="radio"/> |
| When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting. | <input type="radio"/> | <input type="radio"/> |
| OnMembersAddedAsync will be initialized when a user sends a message. | <input type="radio"/> | <input type="radio"/> |

Correct Answer:

Answer Area

| Statements | Yes | No |
|---|----------------------------------|----------------------------------|
| OnMembersAddedAsync will be triggered when a user joins the conversation. | <input checked="" type="radio"/> | <input type="radio"/> |
| When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting. | <input checked="" type="radio"/> | <input type="radio"/> |
| OnMembersAddedAsync will be initialized when a user sends a message. | <input type="radio"/> | <input checked="" type="radio"/> |

Box 1: Yes -

The ActivityHandler.OnMembersAddedAsync method overrides this in a derived class to provide logic for when members other than the bot join the conversation, such as your bot's welcome logic.

Box 2: Yes -

membersAdded is a list of all the members added to the conversation, as described by the conversation update activity.

Box 3: No -

Reference:

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.bot.builder.activityhandler.onmembersaddedasync?view=botbuilder-dotnet-stable>

HOTSPOT -

You are reviewing the design of a chatbot. The chatbot includes a language generation file that contains the following fragment.

```
# Greet(user)
```

```
- ${Greeting()}, ${user.name}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

| Statements | Yes | No |
|--|-----------------------|-----------------------|
| <code>\${user.name}</code> retrieves the user name by using a prompt. | <input type="radio"/> | <input type="radio"/> |
| <code>Greet()</code> is the name of the language generation template. | <input type="radio"/> | <input type="radio"/> |
| <code>\${Greeting() }</code> is a reference to a template in the language generation file. | <input type="radio"/> | <input type="radio"/> |

Answer Area**Statements****Yes****No****Correct Answer:**`${user.name}` retrieves the user name by using a prompt.☐☒`Greet()` is the name of the language generation template.☐☒`${Greeting() }` is a reference to a template in the language generation file.☒☐

Box 1: No -

Example: Greet a user whose name is stored in ``user.name``

```
- ${ welcomeUser(user.name) }
```

Example: Greet a user whose name you don't know:

```
- ${ welcomeUser() }
```

Box 2: No -

`Greet(User)` is a Send a response action.

Box 3: Yes -

Reference:

<https://docs.microsoft.com/en-us/composer/how-to-ask-for-user-input>

HOTSPOT -

You are building a chatbot by using the Microsoft Bot Framework SDK.

You use an object named `UserProfile` to store user profile information and an object named `ConversationData` to store information related to a conversation.

You create the following state accessors to store both objects in state. `var userStateAccessors = _userState.CreateProperty<UserProfile>(nameof(UserProfile));` `var conversationStateAccessors = _conversationState.CreateProperty<ConversationData>(nameof(ConversationData));`

The state storage mechanism is set to Memory Storage.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

| Statements | Yes | No |
|--|-----------------------|-----------------------|
| The code will create and maintain the <code>UserProfile</code> object in the underlying storage layer. | <input type="radio"/> | <input type="radio"/> |
| The code will create and maintain the <code>ConversationData</code> object in the underlying storage layer. | <input type="radio"/> | <input type="radio"/> |
| The <code>UserProfile</code> and <code>ConversationData</code> objects will persist when the Bot Framework runtime terminates. | <input type="radio"/> | <input type="radio"/> |

Answer Area

Correct Answer:

| Statements | Yes | No |
|--|----------------------------------|----------------------------------|
| The code will create and maintain the <code>UserProfile</code> object in the underlying storage layer. | <input checked="" type="radio"/> | <input type="radio"/> |
| The code will create and maintain the <code>ConversationData</code> object in the underlying storage layer. | <input checked="" type="radio"/> | <input type="radio"/> |
| The <code>UserProfile</code> and <code>ConversationData</code> objects will persist when the Bot Framework runtime terminates. | <input type="radio"/> | <input checked="" type="radio"/> |

Box 1: Yes -

You create property accessors using the `CreateProperty` method that provides a handle to the `BotState` object. Each state property accessor allows you to get or set the value of the associated state property.

Box 2: Yes -

Box 3: No -

Before you exit the turn handler, you use the state management objects' `SaveChangesAsync()` method to write all state changes back to storage.

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-v4-state>

HOTSPOT -

You are building a chatbot that will provide information to users as shown in the following exhibit.

Passengers

Sarah Hum

Jeremy Goldberg

Evan Litvak

2 Stops

Tue, May 30, 2017 10:25 PM

San Francisco

Amsterdam



San Francisco

Amsterdam

SFO

AMS

SFO

AMS

Non-Stop

Fri, Jun 2, 2017 11:55 PM

San Francisco

Amsterdam



San Francisco

Amsterdam

SFO

AMS

SFO

AMS

Total

\$4,032.54

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

The chatbot is showing **[answer choice]**.

| | |
|------------------|---|
| | ▼ |
| an Adaptive Card | |
| a Hero Card | |
| a Thumbnail Card | |

The card includes **[answer choice]**.

| | |
|----------------|---|
| | ▼ |
| an action set | |
| an image | |
| an image group | |
| media | |

Answer Area

The chatbot is showing **[answer choice]**.

Correct Answer:

The card includes **[answer choice]**.

| | |
|------------------|---|
| | ▼ |
| an Adaptive Card | |
| a Hero Card | |
| a Thumbnail Card | |

| | |
|----------------|---|
| | ▼ |
| an action set | |
| an image | |
| an image group | |
| media | |

Box 1: A Thumbnail card -

A Thumbnail card typically contains a single thumbnail image, some short text, and one or more buttons.

Incorrect Answers:

- an Adaptive card is highly customizable card that can contain any combination of text, speech, images, buttons, and input fields.
- a Hero card typically contains a single large image, one or more buttons, and a small amount of text.

Box 2: an image -

Reference:

<https://docs.microsoft.com/en-us/microsoftteams/platform/task-modules-and-cards/cards/cards-reference>

题库来源阿泽Vx: est258258

HOTSPOT -

You are building a bot and that will use Language Understanding.
You have a LUDown file that contains the following content.

```
## Confirm
- confirm
- ok
- yes

## ExtractName
- call me steve !
- i am anna
- (i'm|i am) {@PersonName.Any}[.]
- my name is {@PersonName.Any}[.]

## Logout
- forget me
- log out

## SelectItem
- choose last
- choose the {@DirectionalReference=bottom left}
- choose {@DirectionalReference=top right}
- i like {@DirectionalReference=left} one

## SelectNone
- none

@m1 DirectionalReference
@prebuilt personName
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

SelectItem is [answer choice].

a domain

an entity

an intent

an utterance

Choose {@DirectionalReference=top right} is [answer choice].

a domain

an entity

an intent

an utterance

Answer Area

Correct Answer:

SelectItem is [answer choice].

| |
|--------------|
| a domain |
| an entity |
| an intent |
| an utterance |

Choose {@DirectionalReference=top right} is [answer choice].

| |
|--------------|
| a domain |
| an entity |
| an intent |
| an utterance |

Reference:
<https://github.com/solliancenet/tech-immersion-data-ai/blob/master/ai-exp1/README.md>

题库来源阿泽Vx: est258258

HOTSPOT -

You are designing a conversation flow to be used in a chatbot.

You need to test the conversation flow by using the Microsoft Bot Framework Emulator.

How should you complete the .chat file? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

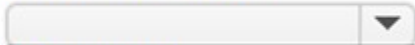
Hot Area:

Answer Area

user=User1

bot=watchbot

user: I want a new watch.

bot: [][Delay=3000]

| |
|--------------------|
| Attachment |
| ConversationUpdate |
| Typing |

bot: I can help you with that! Let me see what I can find.

bot: Here's what I found.

bot:

[AttachmentLayout= ]


| |
|--------------|
| adaptivecard |
| carousel |
| thumbnail |

[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]

[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]

user: I like the first one.

bot: Sure, pulling up more information.

bot: [Attachment=cards\watchProfileCard.json ]

| |
|--------------|
| adaptivecard |
| carousel |
| list |

user: That's nice! Thank you.

bot: Sure, you are most welcome!

Correct Answer:

Answer Area

user=User1

bot=watchbot

user: I want a new watch.

bot: [][Delay=3000]

| |
|--------------------|
| Attachment |
| ConversationUpdate |
| Typing |

bot: I can help you with that! Let me see what I can find.

bot: Here's what I found.

bot:

[AttachmentLayout= ]


| |
|--------------|
| adaptivecard |
| carousel |
| thumbnail |

[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]

[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]

user: I like the first one.

bot: Sure, pulling up more information.

bot: [Attachment=cards\watchProfileCard.json ]

| |
|--------------|
| adaptivecard |
| carousel |
| list |

user: That's nice! Thank you.

bot: Sure, you are most welcome!

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-add-media-attachments?view=azure-bot-service-4.0&tabs=csharp>

题库来源阿泽Vx: est258258

You are building a chatbot by using the Microsoft Bot Framework Composer as shown in the exhibit. (Click the Exhibit tab.)

GetUserDetails > BeginDialog > Text

Show code

BeginDialog

Begin dialog event

+

Bot Asks (Text)

What is your name?

User input (Text)

(SCOPE).name = Input(Text)

+

○

Prompt for text

Text Input

Collection information - Ask for a word or sentence.

[Learn more](#)

Bot Asks

User input

Other

Property ?

string

(SCOPE).name

Output format ?

string

Value ?

string

Expected responses (intent :

#TextInput_Response_FuvyF4)

The chatbot contains a dialog named GetUserDetails. GetUserDetails contains a TextInput control that prompts users for their name. The user input will be stored in a property named name. You need to ensure that you can dispose of the property when the last active dialog ends. Which scope should you assign to name?

A. dialog

Most Voted

B. user

C. turn

D. conversation

Correct Answer: A

Community vote distribution

A (100%)