HOTSPOT

-

You are developing a service that records lectures given in English (United Kingdom).
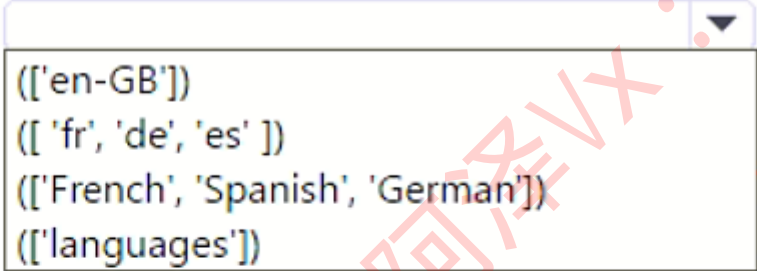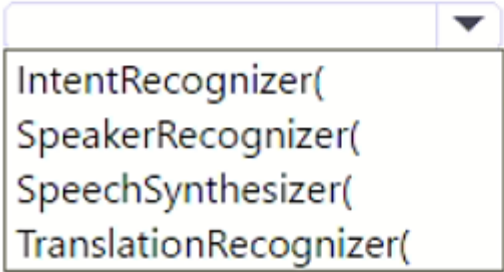
You have a method named append_to_transcript_file that takes translated text and a language identifier.

You need to develop code that will provide transcripts of the lectures to attendees in their respective language. The supported languages are English, French, Spanish, and German.

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

NOTE: Each correct selection is worth one point.

Answer Area

```python
speech_key = os.environ['SPEECH__SUBSCRIPTION__KEY']
service_region = os.environ['SPEECH__SERVICE__REGION']
def translate_speech():
    translation_config = speechsdk.translation.SpeechTranslationConfig(
            subscription=speech_key, region=service_region)
    translation_config.speech_recognition_language = "en-GB"
    languages = [_____▼]
```
```
(['en-GB'])
([ 'fr', 'de', 'es' ])
(['French', 'Spanish', 'German'])
(['languages'])
```
```python
    for language in languages: translation_config.add_target_language(language)
    audio_config = speechsdk.audio.AudioConfig(use_default_microphone=True)
    recognizer = speechsdk.translation.[_____▼]
```
```
IntentRecognizer(
SpeakerRecognizer(
SpeechSynthesizer(
TranslationRecognizer(
```
```python
            translation_config=translation_config, audio_config=audio_config)
    result = recognizer.recognize_once()
    if result.reason == speechsdk.ResultReason.TranslatedSpeech:
        append_to_transcript_file(result.text, "en")
        for language in result.translations:
            append_to_transcript_file(result.translations[language], language)
```

Answer Area

```
speech_key = os.environ['SPEECH__SUBSCRIPTION__KEY']
service region = os.environ['SPEECH__SERVICE__REGION']
def translate_speech():
    translation_config = speechsdk.translation.SpeechTranslationConfig(
            subscription=speech_key, region=service_region)
    translation_config.speech_recognition_language = "en-GB"
    languages = [              ▼ ]
                  (['en-GB'])
                  ([ 'fr', 'de', 'es' ])
                  (['French', 'Spanish', 'German'])
                  (['languages'])
    for language in languages: translation_config.add_target_language(language)
    audio_config = speechsdk.audio.AudioConfig(use_default_microphone=True)
    recognizer = speechsdk.translation.[              ▼ ]
                                         IntentRecognizer(
                                         SpeakerRecognizer(
                                         SpeechSynthesizer(
                                         TranslationRecognizer(
```

Correct Answer:

You are developing an app that will use the text-to-speech capability of the Azure AI Speech service. The app will be used in motor vehicles.

You need to optimize the quality of the synthesized voice output.

Which Speech Synthesis Markup Language (SSML) attribute should you configure?

    A. the style attribute of the mstts:express-as element

    B. the effect attribute of the voice element **Most Voted**

    C. the pitch attribute of the prosody element

    D. the level attribute of the emphasis element

Correct Answer: *B*

Community vote distribution

B (100%)

You are designing a content management system.

You need to ensure that the reading experience is optimized for users who have reduced comprehension and learning differences, such as dyslexia. The solution must minimize development effort.

Which Azure service should you include in the solution?

    A. Azure AI Immersive Reader **Most Voted**

    B. Azure AI Translator

    C. Azure AI Document Intelligence

    D. Azure AI Language

Correct Answer: *A*

Community vote distribution

A (100%)

HOTSPOT

-

You are building an app that will answer customer calls about the status of an order. The app will query a database for the order details and provide the customers with a spoken response.

You need to identify which Azure AI service APIs to use. The solution must minimize development effort.

Which object should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Convert customer calls into text queries:

- SpeechRecognizer
- SpeechSynthesizer
- TranslationRecognizer
- VoiceProfileClient

Provide customers with the order details:

- SpeechRecognizer
- SpeechSynthesizer
- TranslationRecognizer
- VoiceProfileClient

Correct Answer:

Answer Area

Convert customer calls into text queries:

- SpeechRecognizer
- SpeechSynthesizer
- **TranslationRecognizer**
- VoiceProfileClient

Provide customers with the order details:

- SpeechRecognizer
- **SpeechSynthesizer**
- TranslationRecognizer
- VoiceProfileClient

You have an Azure AI service model named Model1 that identifies the intent of text input.

You develop a Python app named App1.

You need to configure App1 to use Model1.

Which package should you add to App1?

A. azure-cognitiveservices-language-textanalytics

B. azure-ai-language-conversations **Most Voted**

C. azure-mgmt-cognitiveservices

D. azure-cognitiveservices-speech

Correct Answer: *B*

Community vote distribution

B (92%) 8%

HOTSPOT

-

You are building an app that will automatically translate speech from English to French, German, and Spanish by using Azure AI service.

You need to define the output languages and configure the Azure AI Speech service.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
speech_key, service_region = os.environ['SPEECH__SERVICE__KEY'], os.environ['SPEECH__SERVICE__REGION']

languages =  [                              ▼]
                ['en-GB']
                {'en','fr','de','es'}
                ['fr','de','es']
                {"French","Spanish","German" }

def translate_speech_to_text():

    translation_config = speechsdk.translation.SpeechTranslationConfig(subscription=speech_key, region=service_region)

    for lang in languages:

        translation_config.add_target_language(lang)

        for lang in languages:

            translation_config.add_target_language(lang)

        recognizer = speechsdk.translation. [                    ▼]  (translation_config=translation_config)
    ...                                        IntentRecognizer
                                               SpeakerRecognizer
                                               SpeechSynthesizer
                                               TranslationRecognizer
```
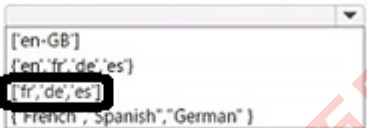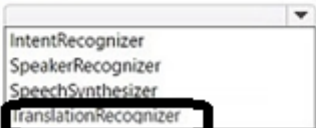
Correct Answer:

Answer Area

```
speech_key, service_region = os.environ['SPEECH__SERVICE__KEY'], os.environ['SPEECH__SERVICE__REGION']

languages =  [                              ▼]
                ['en-GB']
                {'en','fr','de','es'}
                ['fr','de','es']
                {"French","Spanish","German" }

def translate_speech_to_text():

    translation_config = speechsdk.translation.SpeechTranslationConfig(subscription=speech_key, region=service_region)

    for lang in languages:

        translation_config.add_target_language(lang)

        for lang in languages:

            translation_config.add_target_language(lang)

        recognizer = speechsdk.translation. [                    ▼]  (translation_config=translation_config)
    ...                                        IntentRecognizer
                                               SpeakerRecognizer
                                               SpeechSynthesizer
                                               TranslationRecognizer
```

DRAG DROP

-

You plan to implement an Azure AI Search resource that will use custom skill based on sentiment analysis.

You need to create a custom model and configure Azure AI Search use the model.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

| Create an endpoint for the model. |
| Rerun the indexer to enrich the index. |
| Create an Azure Machine Learning workspace. |
| Create and train the model in the Azure Machine Learning studio. |
| Provision an Azure AI Services resource and obtain the endpoint. |
| Connect the custom skill the endpoint. |

Answer Area

Correct Answer:

Answer Area

| Create an Azure Machine Learning workspace. |
| Provision an Azure AI Services resource and obtain the endpoint. |
| Connect the custom skill the endpoint. |
| Create and train the model in the Azure Machine Learning studio. |
| Rerun the indexer to enrich the index. |

HOTSPOT

-

You have a collection of press releases stored as PDF files.

You need to extract text from the files and perform sentiment analysis.

Which service should you use for each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Extract text:
- Azure AI Search
- Azure AI Vision
- Azure AI Document Intelligence

Perform sentiment analysis:
- Azure Cognitive Search
- Azure AI Computer Vision
- Azure AI Document Intelligence
- Azure AI Language

Answer Area

Correct Answer:

Extract text:
- Azure AI Search
- Azure AI Vision
- **Azure AI Document Intelligence**

Perform sentiment analysis:
- Azure Cognitive Search
- Azure AI Computer Vision
- Azure AI Document Intelligence
- **Azure AI Language**

Question #76 — Topic 3

You are building an internet-based training solution. The solution requires that a user's camera and microphone remain enabled.

You need to monitor a video stream of the user and verify that the user is alone and is not collaborating with another user. The solution must minimize development effort.

What should you include in the solution?

    A. speech-to-text in the Azure AI Speech service

    B. object detection in Azure AI Custom Vision

    C. Spatial Analysis in Azure AI Vision **Most Voted**

    D. object detection in Azure AI Custom Vision

Correct Answer: *C*

Community vote distribution

C (88%) | 13%

Question #77 — Topic 3

You are developing an app that will use the Speech and Language APIs.

You need to provision resources for the app. The solution must ensure that each service is accessed by using a single endpoint and credential.

Which type of resource should you create?

    A. Azure AI Language

    B. Azure AI Speech

    C. Azure AI Services **Most Voted**

    D. Azure AI Content Safety

Correct Answer: *C*

Community vote distribution

C (100%)

HOTSPOT

-

You are building an app that will automatically translate speech from English to French, German, and Spanish by using Azure AI service.

You need to define the output languages and configure the Azure AI Speech service.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
static async Task TranslateSpeechAsync()
{
    var config = SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION);

    var languages = new List<string>           ▼   ;
                                        {"en-GB"}
                                        ["en","fr","de","es"]
                                        {"fr","de","es"}
                                        ["French","German","Spanish"]

    languages.ForEach(config.AddTargetLanguage);

    usingvar recognizer = new        ▼   ;
                            IntentRecognizer
...                         SpeakerRecognizer
}                           SpeechSynthesizer
                            TranslationRecognizer
```

Correct Answer:

Answer Area

```
static async Task TranslateSpeechAsync()
{
    var config = SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION);

    var languages = new List<string>        ▼   ;
                                        {"en-GB"}
                                        ["en","fr","de","es"]
                                        {"fr","de","es"}
                                        ["French","German","Spanish"]

    languages.ForEach(config.AddTargetLanguage);

    usingvar recognizer = new        ▼   ;
                            IntentRecognizer
...                         SpeakerRecognizer
}
                            TranslationRecognizer
```

You are developing a text processing solution.

You have the following function.

```
static void GetKeyWords(TextAnalyticsClient textAnalyticsClient, string text)
{
    var response = textAnalyticsClient.RecognizeEntities (text);
    Console.WriteLine("Key words:");

    foreach (CategorizedEntity entity in response.Value)
    {
        Console.WriteLine($"\t{entity.Text}");
    }
}
```

You call the function and use the following string as the second argument.

Our tour of London included a visit to Buckingham Palace

What will the function return?

| A. London and Buckingham Palace only |

B. Tour and visit only

C. London and Tour only

D. Our tour of London included visit to Buckingham Palace

Correct Answer: *A*