

## Task 9.1P

```
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>curl -X POST -u "apikey:z4kJi17H-f_dPv62PhQFYhHb3y6z1ZuU5hNHdOkMHE3f" ^
More? --header "Content-Type: audio/wav" ^
More? --data-binary @p232_030.wav ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "they were described as being in a serious but stable condition yesterday ",
          "confidence": 0.94
        }
      ]
    }
  ]
}
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>|

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More? --header "Content-Type: audio/wav" ^
More? --data-binary @p232_014.wav ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "the Hebrews it was a token that there would be no more universal floods ",
          "confidence": 0.92
        }
      ]
    }
  ]
}
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>|

(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>curl -X POST -u "apikey:z4kJi17H-f_dPv62PhQFYhHb3y6z1ZuU5hNHdOkMHE3f" ^
More? --header "Content-Type: audio/wav" ^
More? --data-binary @p232_010.wav ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "no one ever finds ",
          "confidence": 0.19
        }
      ]
    }
  ]
}
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>|

(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>curl -X POST -u "apikey:z4kJi17H-f_dPv62PhQFYhHb3y6z1ZuU5hNHdOkMHE3f" ^
More? --header "Content-Type: audio/wav" ^
More? --data-binary @p232_009.wav ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "there is according to legend a boiling pot of gold at one end ",
          "confidence": 0.98
        }
      ]
    }
  ]
}
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>|
```

```
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>curl -X POST -u "apikey:z4kJi17H-f_dPv62PhQFYhHb3y6z1ZuU5hNHd0kMHE3f" ^
More? --header "Content-Type: audio/wav" ^
More? --data-binary @arctic_a0005.wav ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "will we ever forget it ",
          "confidence": 0.95
        }
      ]
    }
  ]
}
```

```
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>
```

```
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>curl -X POST -u "apikey:z4kJi17H-f_dPv62PhQFYhHb3y6z1ZuU5hNHd0kMHE3f" ^
More? --header "Content-Type: audio/wav" ^
More? --data-binary @arctic_a0003.wav ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "for the twentieth time that evening the two men shook hands ",
          "confidence": 0.86
        }
      ]
    }
  ]
}
```

```
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```

```
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>curl -X POST -u "apikey:z4kJi17H-f_dPv62PhQFYhHb3y6z1ZuU5hNHd0kMHE3f" ^
More? --header "Content-Type: audio/wav" ^
More? --data-binary @arctic_a0001.wav ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "author of the danger trail Phillips steals etcetera ",
          "confidence": 0.78
        }
      ]
    }
  ]
}
```

```
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>
```

```
More? --header "Content-Type: audio/flac" ^
More? --data-binary @367-130732-0004.flac ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "a book could be written about this restaurant and then all would not be told for all its secrets can never be known ",
          "confidence": 0.92
        }
      ]
    }
  ]
}
```

```
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>
```

```

(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>curl -X POST -d @apikey.24K5117M1_dPv02PnqP1
hHb3y6z1ZuU5hNHdOkMHE3f" ^
More? --header "Content-Type: audio/flac" ^
More? --data-binary @367-130732-0001.flac ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize
"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "when is a lobster not a lobster when it is a crayfish ",
          "confidence": 0.87
        }
      ]
    }
  ]
}
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>
More? --data-binary @367-130732-0000.flac ^
More? "https://api.eu-gb.speech-to-text.watson.cloud.ibm.com/instances/8f6525cc-c972-4851-b303-9402230f0362/v1/recognize
"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "lobsters and law officers ",
          "confidence": 0.74
        }
      ]
    }
  ]
}
(base) C:\Users\User\Desktop\Class Folder\Computer Vision\SpeechtoTextData>

```

```

data = json.load(f)

# Print the data from the JSON file
print(f"Data from {filename}:")
print(data)
print('\n')

```

Data from 367-130732-0000.flac.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'lobsters and law officers ', 'confidence': 0.74}]]}}
```

Data from 367-130732-0001.flac.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'when is a lobster not a lobster when it is a crayfish ', 'confidence': 0.87}]]}}
```

Data from 367-130732-0004.flac.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'a book could be written about this restaurant and then all would not be told for all its secrets can never be known ', 'confidence': 0.92}]]}}
```

Data from arctic\_a0001.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'author of the danger trail Phillips steals etcetera ', 'confidence': 0.78}]]}}
```

Data from arctic\_a0003.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'for the twentieth time that evening the two men shook hands ', 'confidence': 0.86}]]}}
```

Data from arctic\_a0005.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'will we ever forget it ', 'confidence': 0.95}]]}}
```

Data from p232\_009.wav.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'there is according to legend a boiling pot of gold at one end ', 'confidence': 0.98}]]}}
```

Data from p232\_010.wav.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'no one ever finds ', 'confidence': 0.19}]]}}
```

Data from p232\_014.wav.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'the Hebrews it was a token that there would be no more universal floods ', 'confidence': 0.92}]]}}
```

Data from p232\_030.wav.json:

```
{'result_index': 0, 'results': [{'final': True, 'alternatives': [{'transcript': 'they were described as being in a serious but stable condition yesterday ', 'confidence': 0.94}]]}}
```