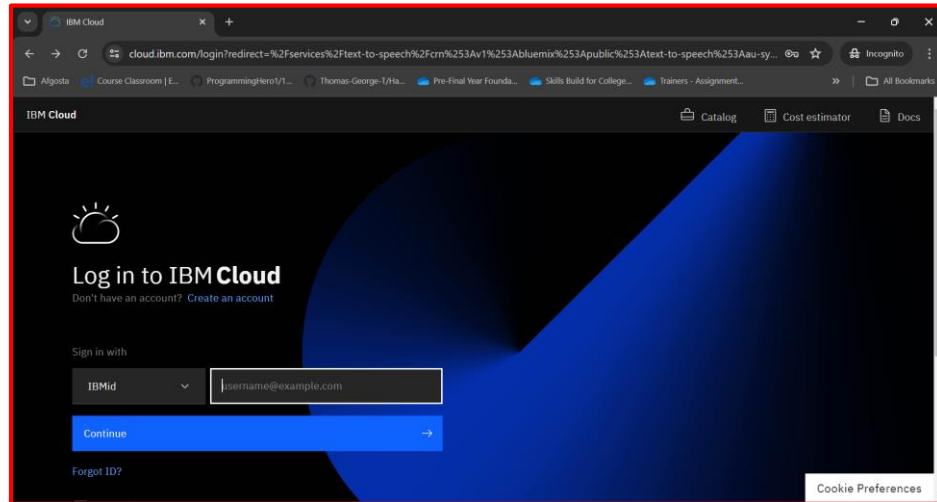
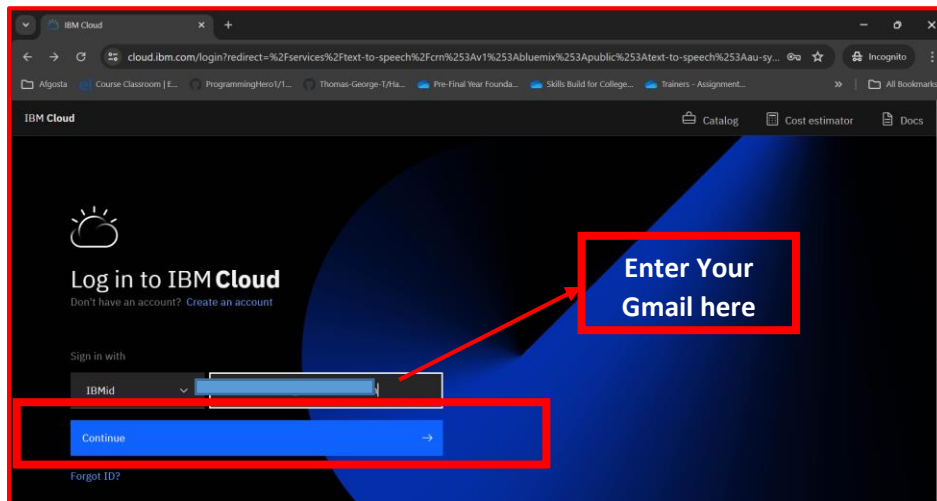


## Demo- Summarize a video or audio file using IBM Watson

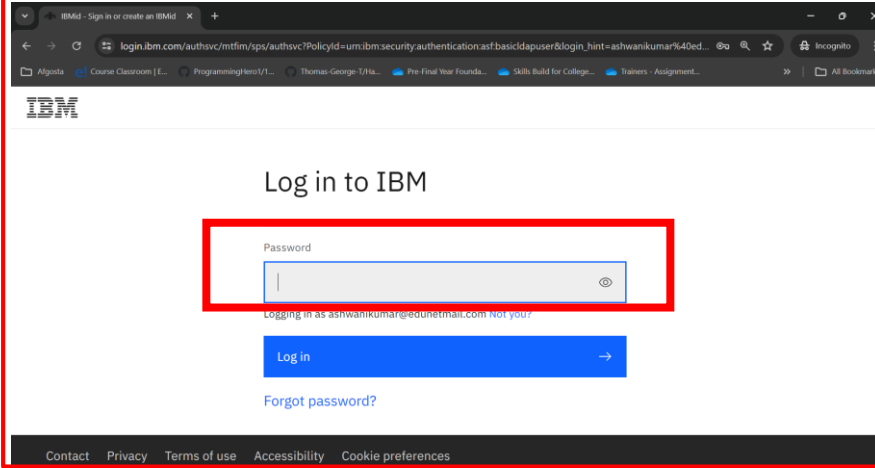
Step 1: Login to IBM Cloud. Using this link [cloud.ibm.com](https://cloud.ibm.com)



Step :2 Enter your Gmail here and click on Continue

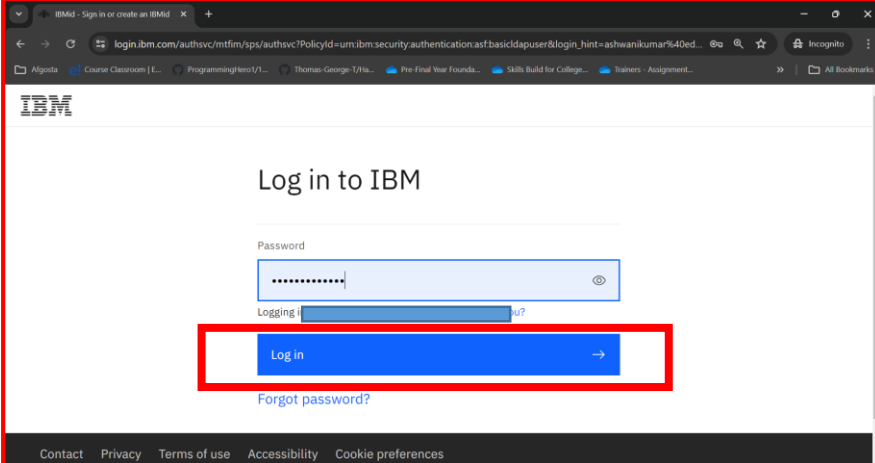


### Step3: Enter your academic portal password



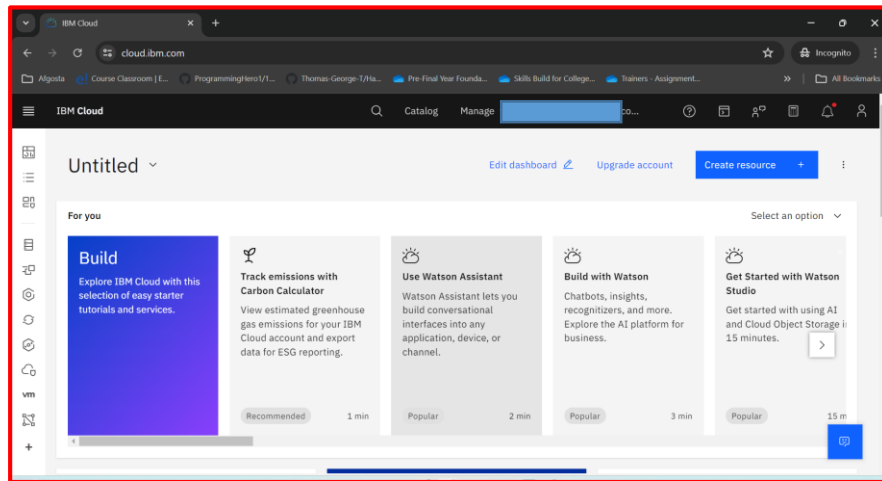
The screenshot shows the IBM login page in a web browser. The page title is "Log in to IBM". Below the title, there is a "Password" label and a text input field. The input field is highlighted with a red rectangular box. Below the input field, there is a blue "Log in" button with a right-pointing arrow. Above the button, there is a small text line that says "Logging in as ashwanikumar@redunitmail.com not you.". Below the button, there is a link that says "Forgot password?". At the bottom of the page, there is a footer with links: "Contact", "Privacy", "Terms of use", "Accessibility", and "Cookie preferences".

### Step4: Click on Login

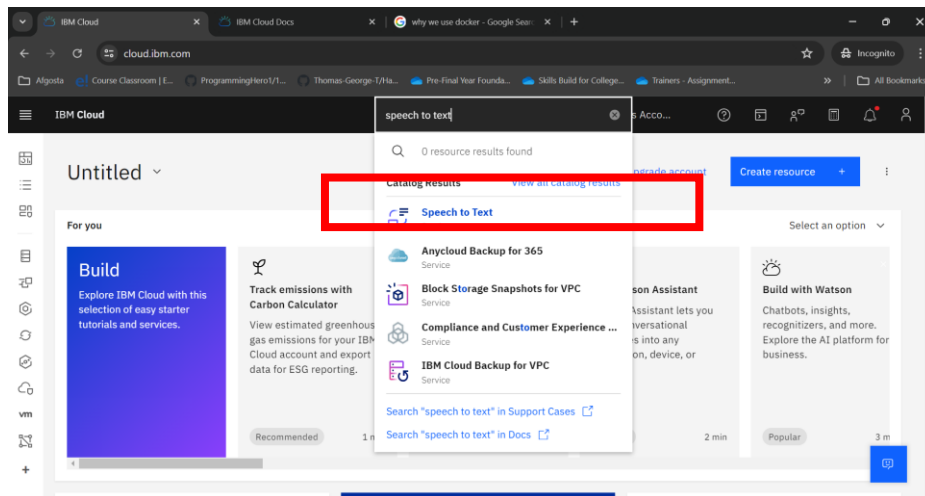


The screenshot shows the IBM login page in a web browser. The page title is "Log in to IBM". Below the title, there is a "Password" label and a text input field. The input field contains several dots, indicating that the password has been entered. Below the input field, there is a blue "Log in" button with a right-pointing arrow. The button is highlighted with a red rectangular box. Above the button, there is a small text line that says "Logging in as ashwanikumar@redunitmail.com not you?". Below the button, there is a link that says "Forgot password?". At the bottom of the page, there is a footer with links: "Contact", "Privacy", "Terms of use", "Accessibility", and "Cookie preferences".

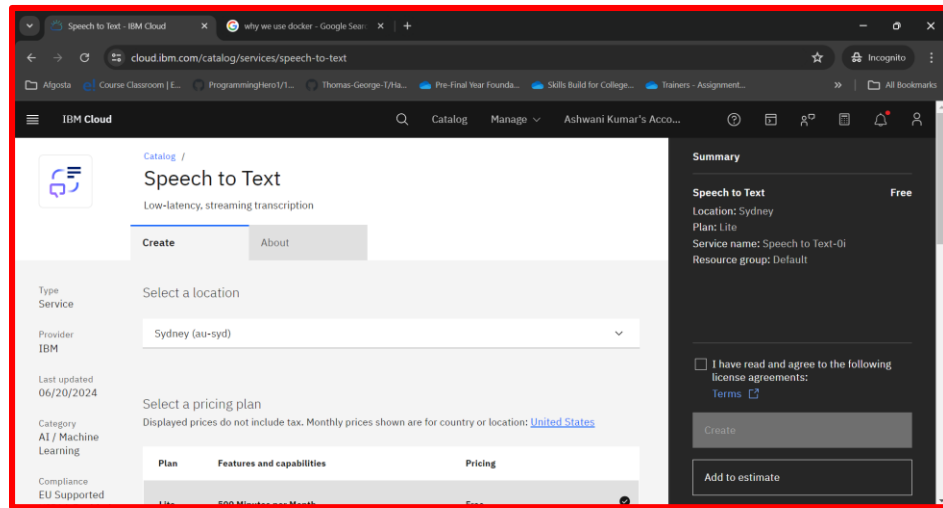
**Step 5 : This is Your Cloud Dashboard.**



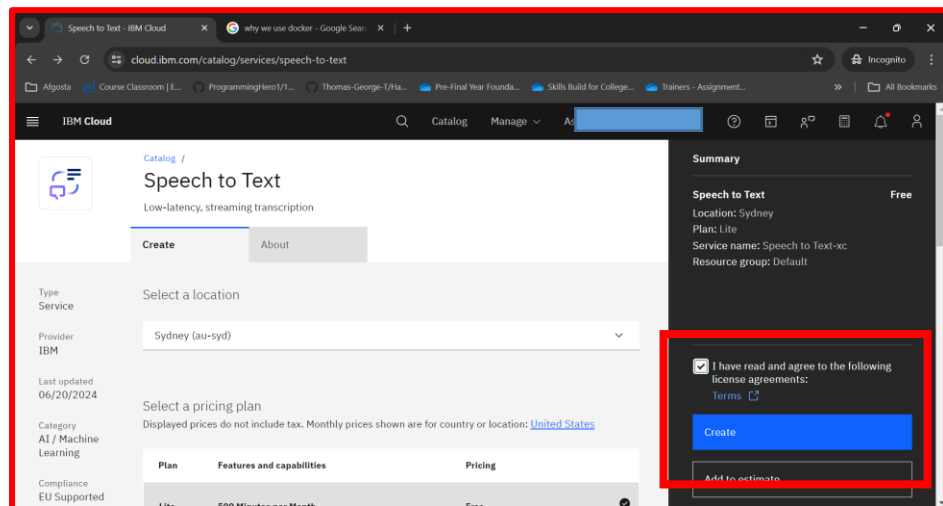
**Step 6: click on Search icon and type Speech to text, select Speech to text (service)**



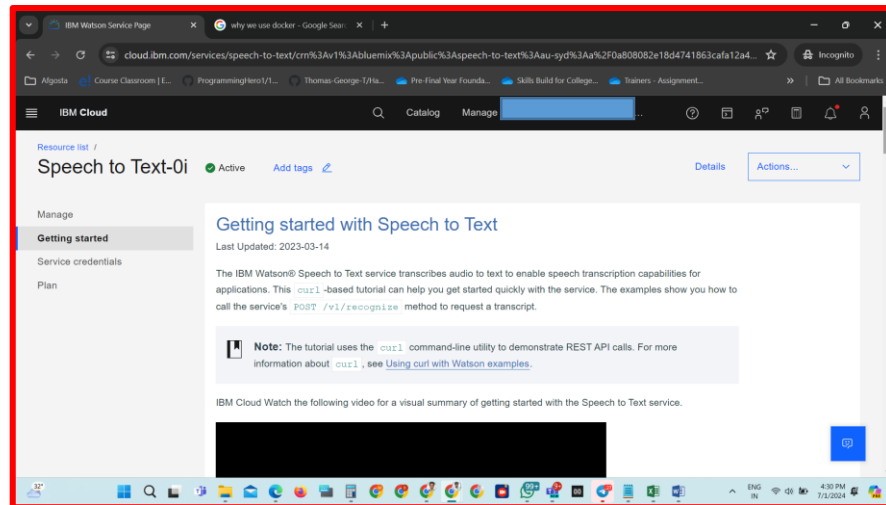
## Step7: This is the Text to Speech service Interface



## Step8 : Click on the Checkbox and Continue

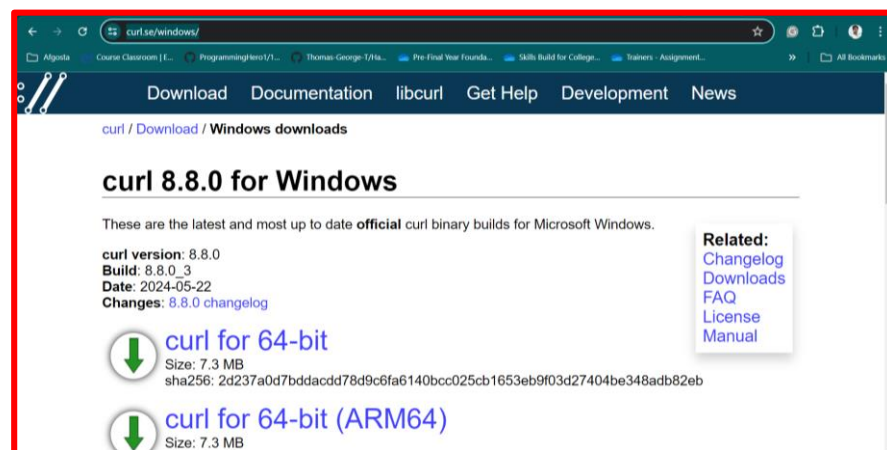


**Step9 : : This is the next interface , watch the video before going to further steps.**

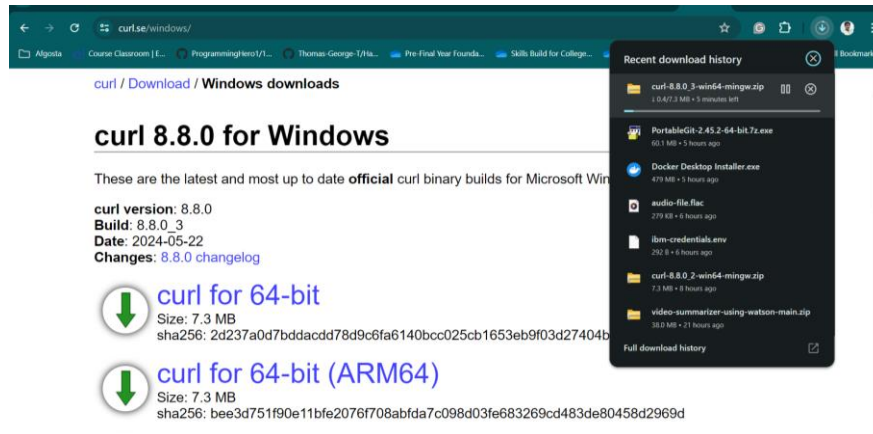


**Step 10: Install the curl into your system using this link <https://curl.se/windows/>**

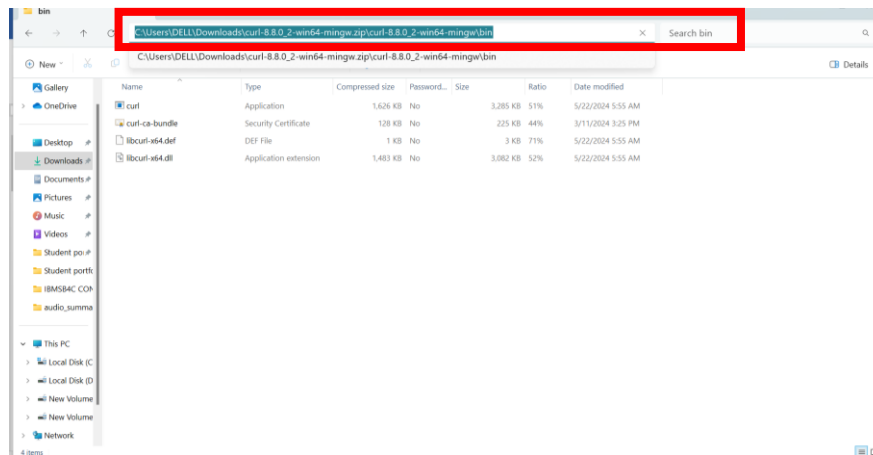
**Click on “curl for 64 – bit”**



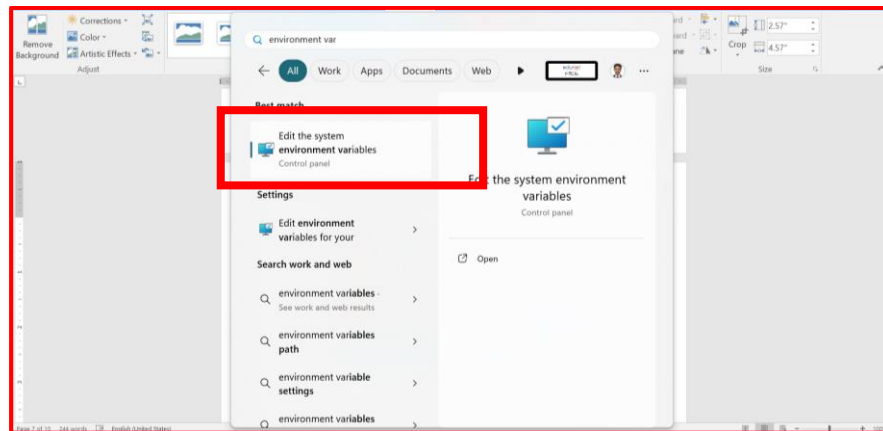
## Step11: Curl file is downloading



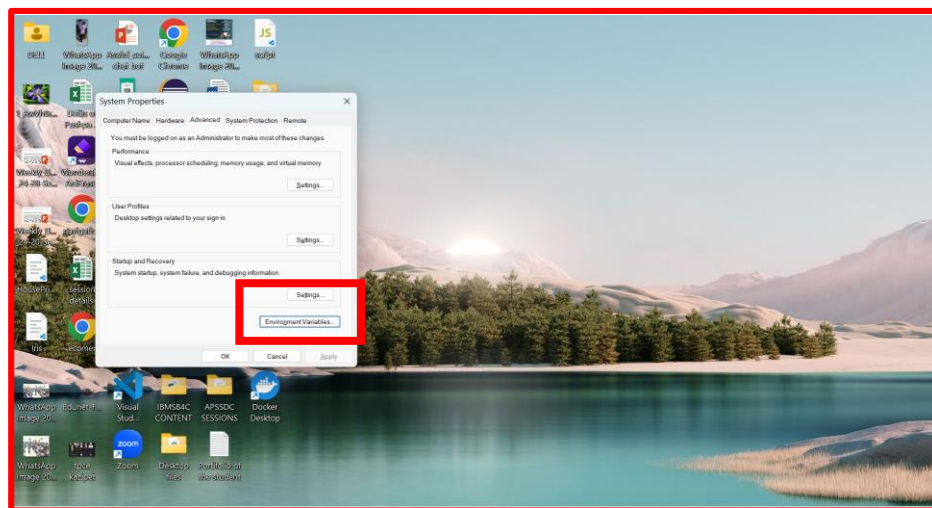
## Step12 : Open the downloaded folder , in that open “bin” folder and copy the path.



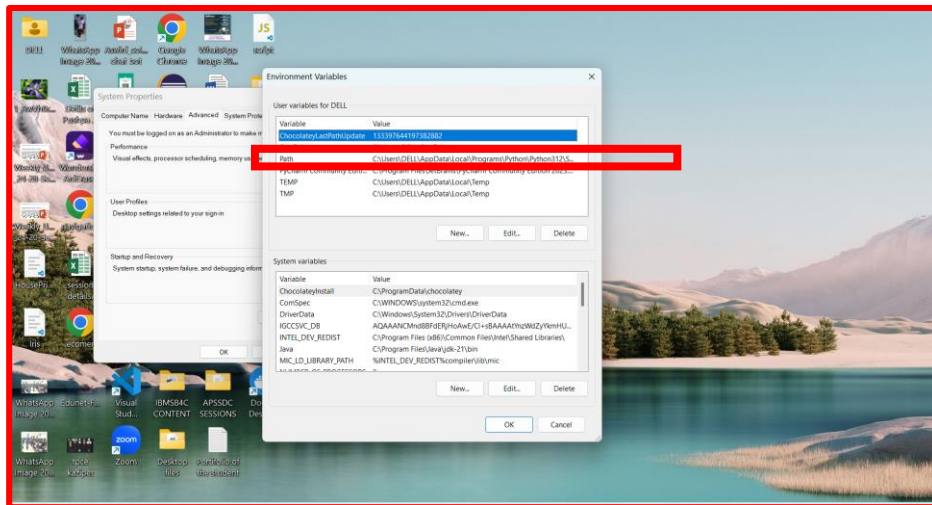
**Step13: Click on search icon and type environment variables. Open it**



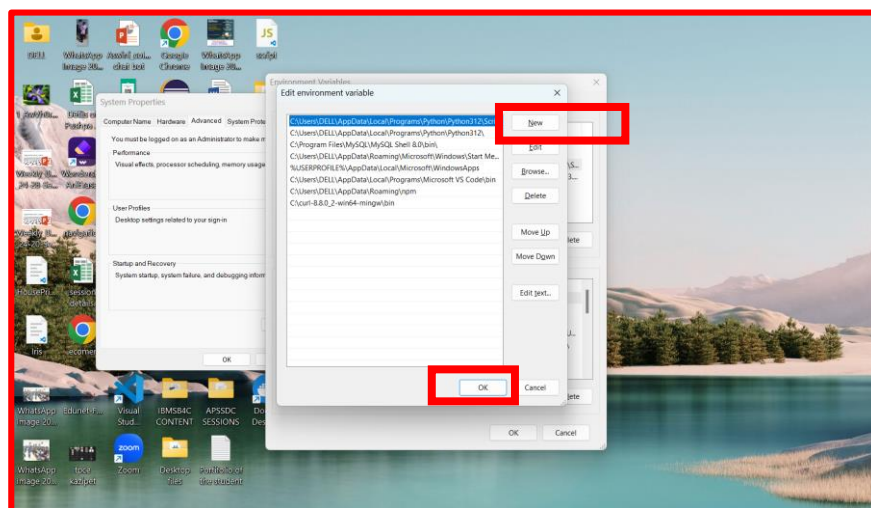
**Step14: click on environment variables.**



**Step15: Double click on path.**

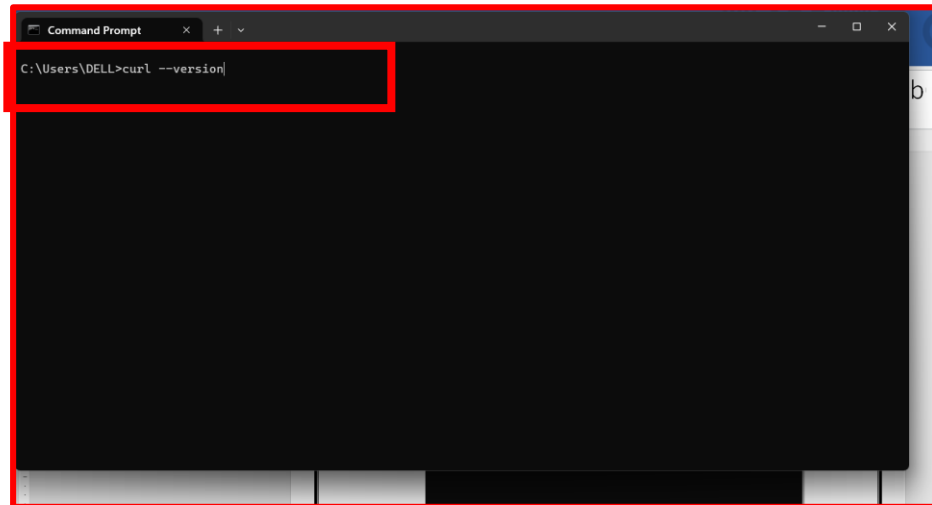


**Step16: Click on New and paste the copied path of curl bin folder and click on OK**



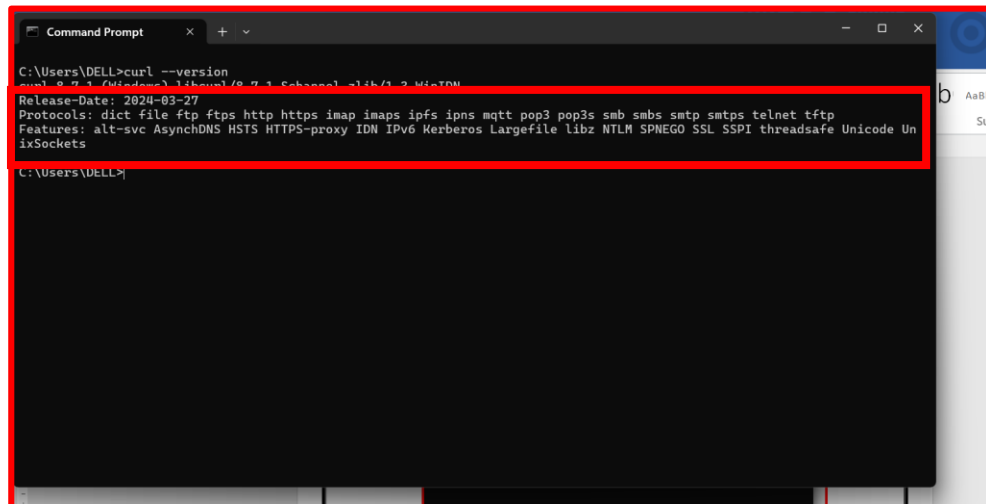


**Step17: Open the Command Prompt and type curl --version curl**



```
Command Prompt
C:\Users\DELL>curl --version
```

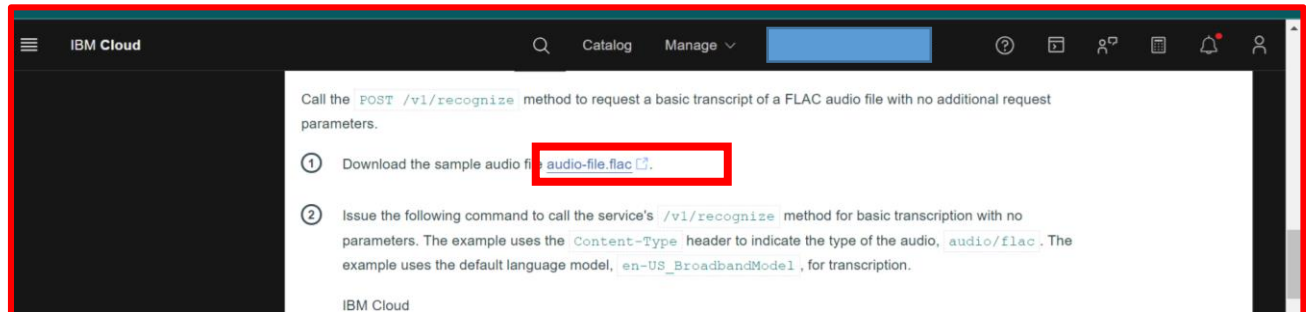
**Step 18 : Curl installed successfully.**



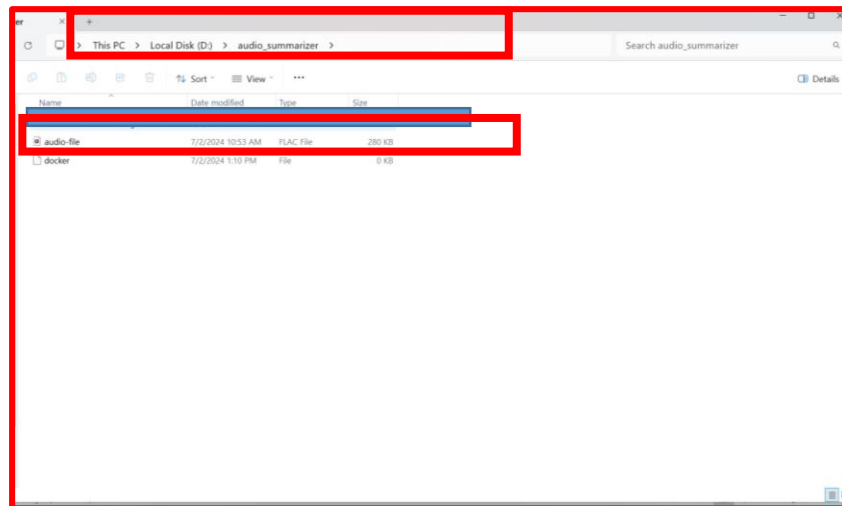
```
Command Prompt
C:\Users\DELL>curl --version
curl 8.7.1 (aarch64-linux-gnu) libcurl/8.7.1 OpenSSL/3.1.3 libidn2/2.3.4 libssh/0.10.6-libssh
Release-Date: 2024-03-27
Protocols: dict file ftp ftps http https imap imaps ipfs ipns mqtt pop3 pop3s smb smbs smtp smtps telnet tftp
Features: alt-svc AsynchDNS HSTS HTTPS-proxy IDN IPv6 Kerberos Largefile libz NTLM SPNEGO SSL SSPI threadsafe Unicode UnixSockets
C:\Users\DELL>
```



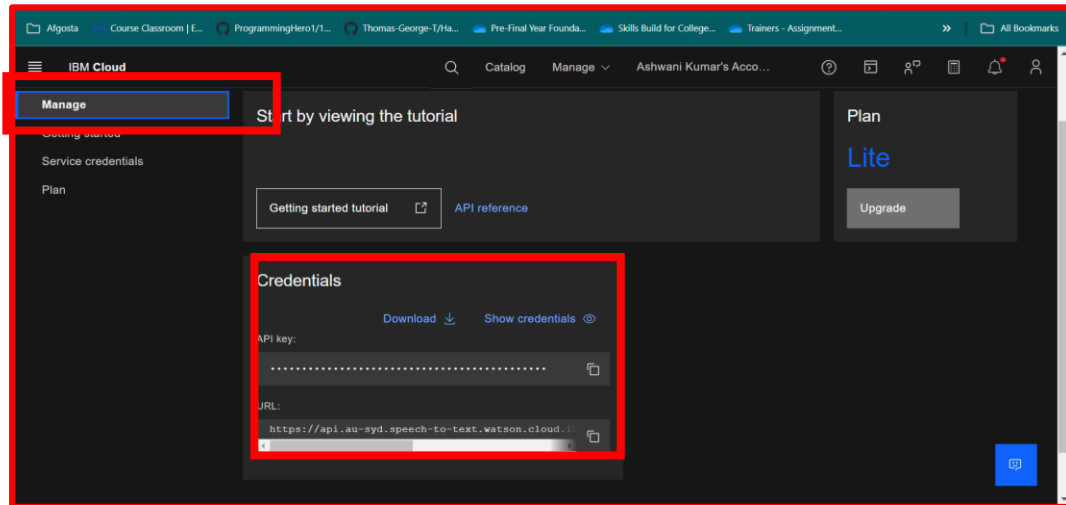
**Step19 : Go to Speech to text resource , download the audio-file.flac**



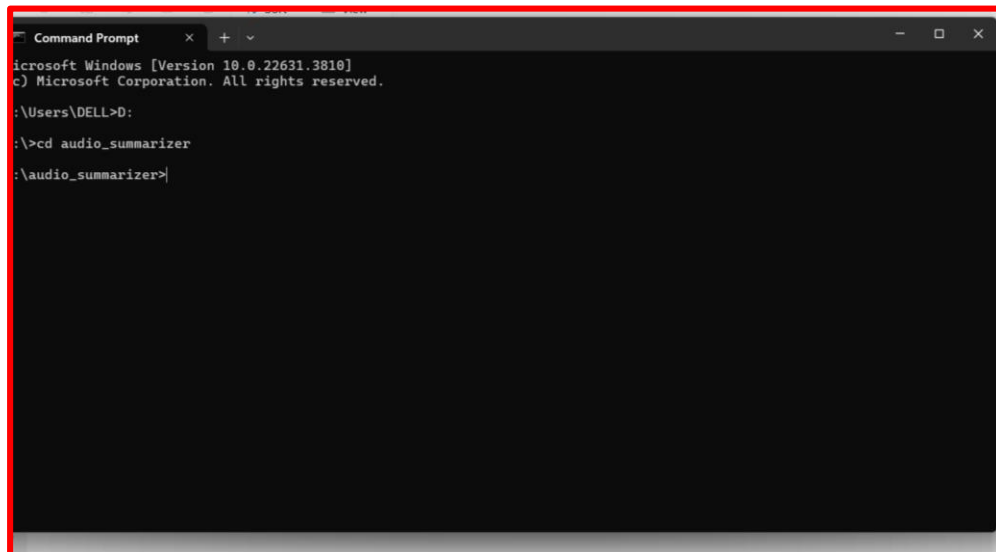
**Step 20 : Create one Folder in D or other drives. And move the above downloaded audio file in that folder**



**Step 21: Go to Speech to text resource , go the manage copy the credentials.**

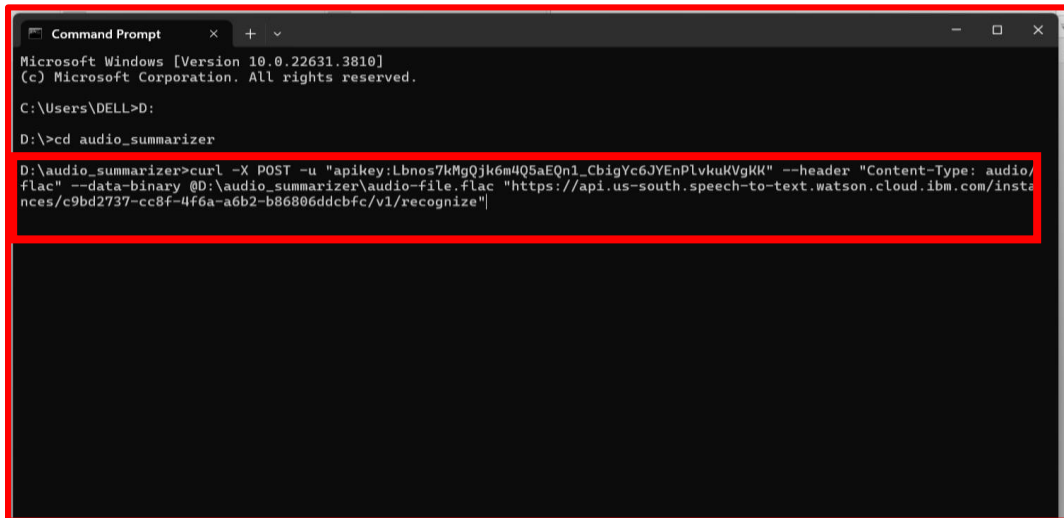


**Step22: Go to command prompt open the downloaded audio file folder , using cd command**



**Step23: Execute the this command locally on command prompt and click on enter button**

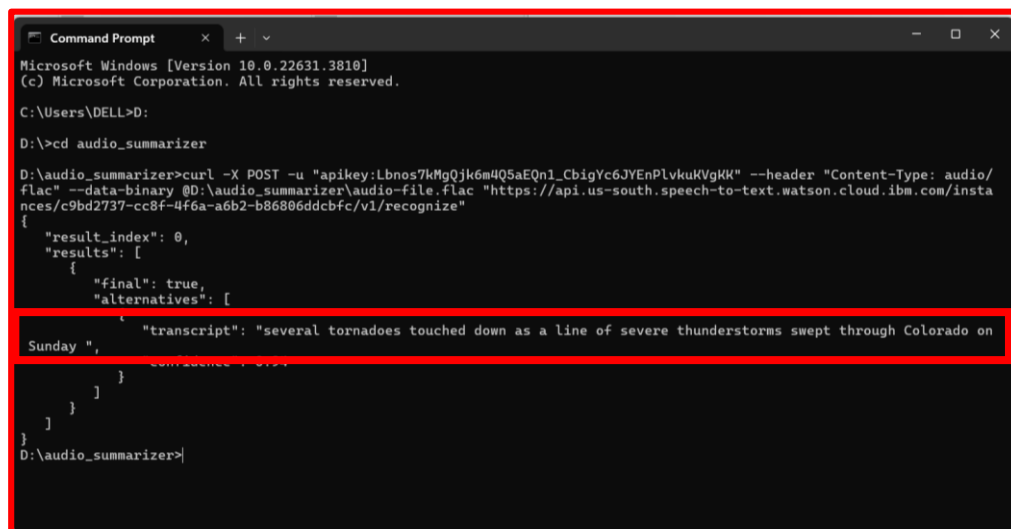
```
curl -X POST -u "apikey:Lbnos7kMgQjk6m4Q5aEQn1_CbigYc6JYEnPlvkuKVgKK" --header "Content-Type: audio/flac" --data-binary @D:\audio_summarizer\audio-file.flac "https://api.us-south.speech-to-text.watson.cloud.ibm.com/instances/c9bd2737-cc8f-4f6a-a6b2-b86806ddcbfc/v1/recognize"
```



```
Command Prompt
Microsoft Windows [Version 10.0.22631.3810]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>D:
D:\>cd audio_summarizer
D:\audio_summarizer>curl -X POST -u "apikey:Lbnos7kMgQjk6m4Q5aEQn1_CbigYc6JYEnPlvkuKVgKK" --header "Content-Type: audio/flac" --data-binary @D:\audio_summarizer\audio-file.flac "https://api.us-south.speech-to-text.watson.cloud.ibm.com/instances/c9bd2737-cc8f-4f6a-a6b2-b86806ddcbfc/v1/recognize"
```

**Step24: Congratulations text extracted from the audio. The output like this**



```
Command Prompt
Microsoft Windows [Version 10.0.22631.3810]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>D:
D:\>cd audio_summarizer
D:\audio_summarizer>curl -X POST -u "apikey:Lbnos7kMgQjk6m4Q5aEQn1_CbigYc6JYEnPlvkuKVgKK" --header "Content-Type: audio/flac" --data-binary @D:\audio_summarizer\audio-file.flac "https://api.us-south.speech-to-text.watson.cloud.ibm.com/instances/c9bd2737-cc8f-4f6a-a6b2-b86806ddcbfc/v1/recognize"
{
  "result_index": 0,
  "results": [
    {
      "final": true,
      "alternatives": [
        {
          "transcript": "several tornadoes touched down as a line of severe thunderstorms swept through Colorado on Sunday ",
          "confidence": 0.95
        }
      ]
    }
  ]
}
```