Code explanation:

- Let us divide our program into 3 parts for better understanding
  i. Capturing the image
  ii. Converting the image to text
  iii. Converting the text to speech

1. **Capturing the image:**
   - Code from line no: 24 to 56 is for capturing the image
   - If we press ‘s’ in keyboard the image will be captured and will be saved in the memory as ‘saved_img.jpg’
   - If we press ‘q’ the camera will off
2. **Converting the image to text:**
   - Code from line no: 59 to 66 is for extracting the text from image
   - We used pytesseract to covert image to text
   - It is very simple to use. At first, we have to open the saved image
   - And then to use pytesseract in our program we have to mention the path where tesseract.exe is installed in our system
   - Generally, it will be **'C:\\Program Files\\Tesseract-OCR\\tesseract.exe'**
     or
     'C:\\Program Files (x86)\\Tesseract-OCR\\tesseract.exe'
   - **pytesseract.image_to_string(**image**)** it will covert the image to text and stored in a variable in the form a string
3. **Converting text to speech:**
   - In line no: 17 we initialized the pyttsx3 package with a variable **engine**
   - we can set the speed of output with **engine.setProperty()**
   - And we can make our system speak with **engine.say(“string”)**

- Click this for Tesseract installation in windows

❖ Happy coding!