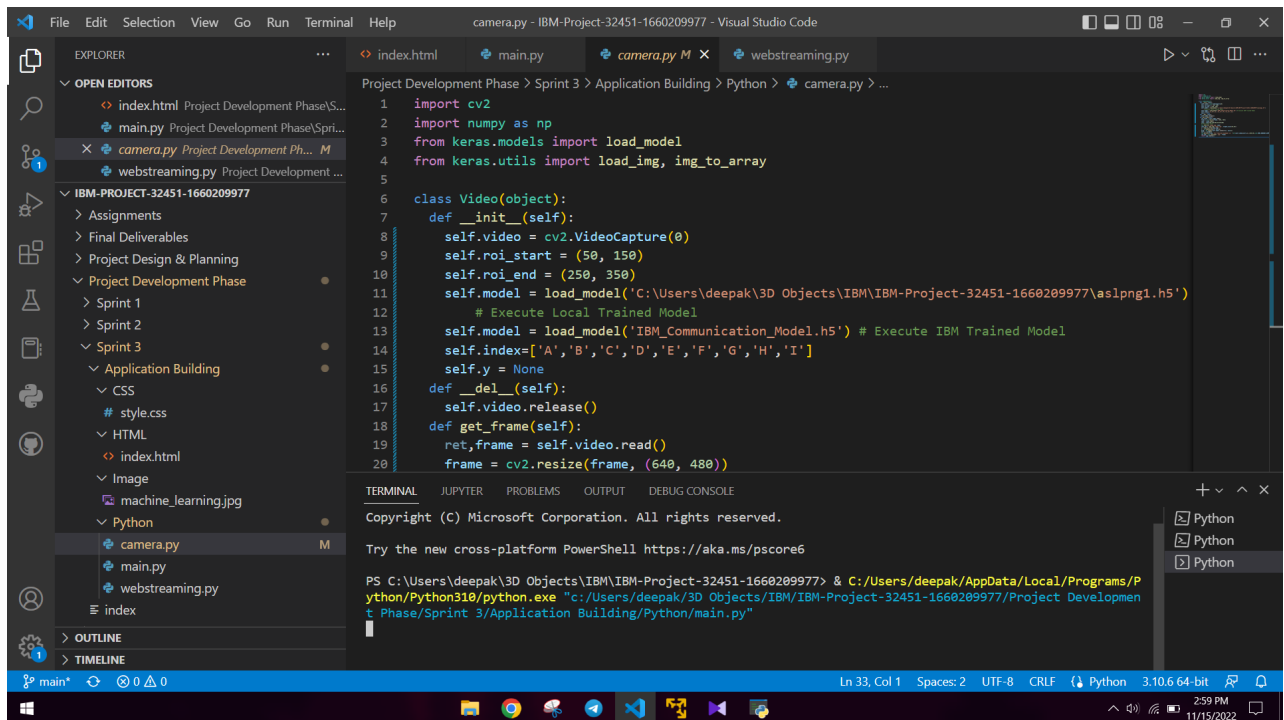


Output

Date	11 November 2022
Team ID	PNT2022TMIDD44057
Project Name	Real time communication system powered by AI for specially abled
Maximum Marks	4 Marks

Opening in local host



```
1 import cv2
2 import numpy as np
3 from keras.models import load_model
4 from keras.utils import load_img, img_to_array
5
6 class Video(object):
7     def __init__(self):
8         self.video = cv2.VideoCapture(0)
9         self.roi_start = (50, 150)
10        self.roi_end = (250, 350)
11        self.model = load_model('C:\Users\deepak\3D Objects\IBM\IBM-Project-32451-1660209977\asl.png1.h5')
12        # Execute Local Trained Model
13        self.model = load_model('IBM_Communication_Model.h5') # Execute IBM Trained Model
14        self.index=['A','B','C','D','E','F','G','H','I']
15        self.y = None
16    def __del__(self):
17        self.video.release()
18    def get_frame(self):
19        ret, frame = self.video.read()
20        frame = cv2.resize(frame, (640, 480))
```

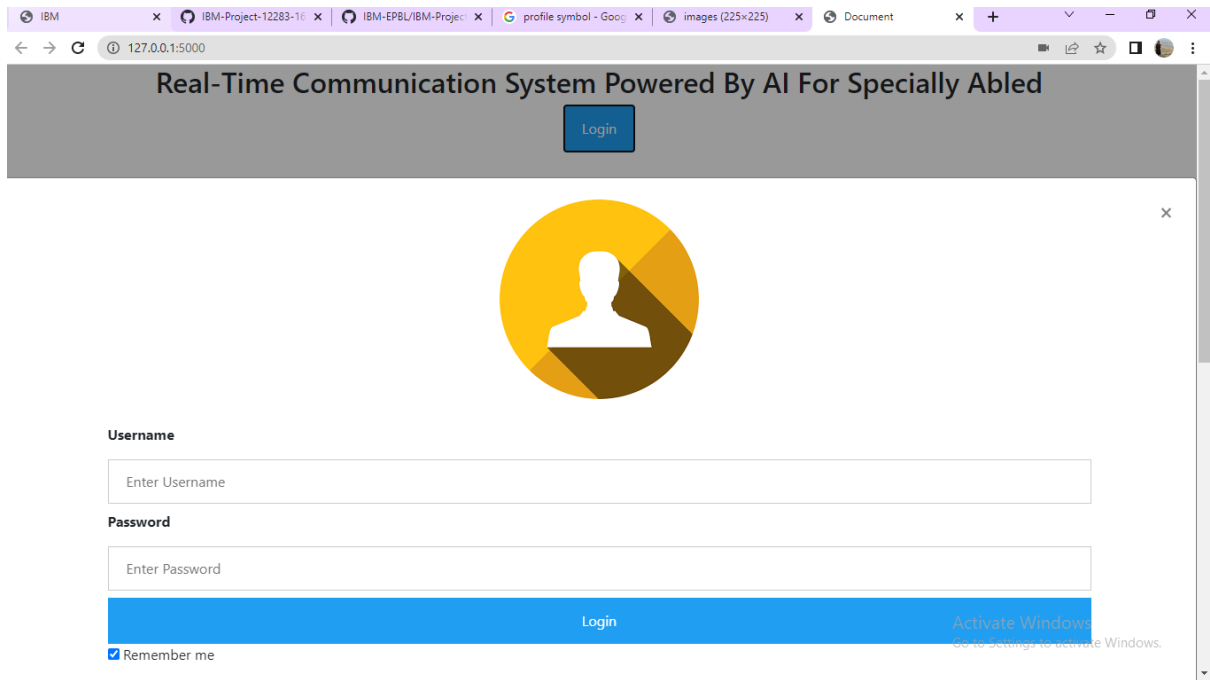
TERMINAL

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Try the new cross-platform PowerShell <https://aka.ms/powershell>

PS C:\Users\deepak\3D Objects\IBM\IBM-Project-32451-1660209977> & C:/Users/deepak/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/deepak/3D Objects/IBM/IBM-Project-32451-1660209977/Project Development Phase/Sprint 3/Application Building/Python/main.py"

Webpage of Real time communication system powered by AI for specially abled



Predicting sign language

