

DAILY ASSESSMENT FORMAT

Date:	30 MAY 2020	Name:	HARSHITHA H
Course:	PYTHON	USN:	4AL18EC020
Topic:	Application 6: Build a Webcam Motion detector	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

FORENOON SESSION DETAILS

Image of session

The screenshot displays a Udemy lecture page for '224. Detecting Webcam Objects'. The main content area shows a code editor with the following Python code:

```

import cv2, time
video=cv2.VideoCapture(0)
a=0
while True:
    a=a+1
    check, frame = video.read()
    gray=cv2.cvtColor(frame,cv2.COLOR_BGR2GRAY)
    #time.sleep(2)
    cv2.imshow("Capturing",gray)
    key=cv2.waitKey(1)
    print(gray)
    if key==ord('q'):
        break
print(a)
video.release()
cv2.destroyAllWindows()

```

Below the code editor, there is a video player showing a slide titled '224. Detecting Webcam Objects'. The slide contains text explaining the use of the `threshold` function and its parameters, along with a diagram illustrating the thresholding process:

- Value and Threshold Level
- Threshold Binary
- Threshold Binary, Inverted
- Truncate
- Threshold to Zero, Inverted

The video player interface includes a progress bar, a pause button, and a volume control icon. The bottom of the screen shows the Windows taskbar with the date and time as 08:37 on 30-05-2020.

[illegible]

Report –

Day 12:

PYTHON

Build a Webcam motion detector:

- **Structure of output**
- **Detecting Webcam objects**
- **Capturing motion time**

