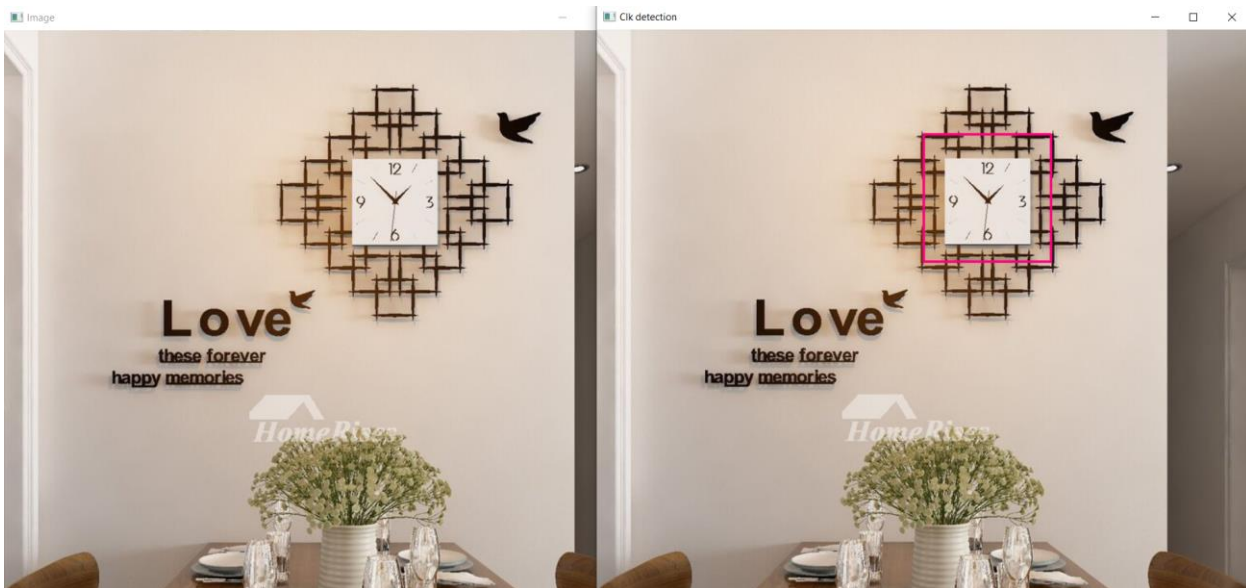# Assignment-6

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Develop a python code to detect any object using Haar cascade classifier.

Clock image:

Python shell:

Code :

```
import cv2

clk_classifier=cv2.CascadeClassifier("haarcascade_wallclock.xml")


#It will read the first frame/image of the video
image=cv2.imread('clock.jpg')

cv2.imshow('Image',image)

clk = clk_classifier.detectMultiScale(image,1.3,5)
print(clk)
for(x,y,w,h) in clk:
cv2.rectangle(image, (x,y), (x+w,y+h), (127,0,255), 2)
cv2.imshow('Clk detection', image)
cv2.putText(image, 'Clk',(x,y-10), cv2.FONT_HERSHEY_SIMPLEX, 0.5, (255,0,0), 1)

    Key=cv2.waitKey(1)
if Key==ord('q'):
    #release the camera
video.release()
    #destroy all windows
cv2.destroyAllWindows()
break
```