In [1]:
```
import cv2
import datetime
```

In [4]:
```
#cap=cv2.VideoCapture(0) #Openning Webcam
cap=cv2.VideoCapture("image/test2.mp4") #reading video
print("Capture",cap)

# showing video width and height
print("for width===",cap.get(cv2.CAP_PROP_FRAME_WIDTH))
print("for height==",cap.get(cv2.CAP_PROP_FRAME_HEIGHT))

# Alternative way of showing
print("_____________________________________________")
print("Width====",cap.get(3)) # 3 for width
print("Height===",cap.get(4)) # 4 for height
while(cap.isOpened()):
    ret, frame = cap.read()
    if ret == True:
        font = cv2.FONT_HERSHEY_COMPLEX_SMALL  # Selecting font
        text = ' Height: ' + str(cap.get(4))+' Width: '+ str(cap.get(3))
        # taking video width and height and send as string
        date_data = "Date: "+str(datetime.datetime.now())
        #puttext -accept(frame,text,start_co,font,fontsize,color,thickness,linetype)
        frame = cv2.putText(frame, text, (10, 20), font, 1,
                            (0, 125, 0), 1, cv2.LINE_AA)

        date_data="Date: " + str(datetime.datetime.now())  #it will pass recent date
        frame = cv2.putText(frame, date_data, (20, 50), font, 1,
                            (100, 5, 255), 1, cv2.LINE_AA)

       #Rectangle - accept parameter(img,start_co,end_co,colot ,thickness)
        cv2.rectangle(frame, (384, 10), (510, 128), (128, 0, 255), 8)
        #ellipse-accept(img,start_cor,(length,height),color,thickness)
        cv2.ellipse(frame,(400,600),(100,50),0,0,180,155,5)
        cv2.imshow('frame', frame)

        if cv2.waitKey(1) & 0xFF == ord("q") :  # 1 means video->dynamic 0->image,
            break
    else:
        break

cap.release()
cv2.destroyAllWindows()
```

```
Capture <VideoCapture 00000207B8184B50>
for width=== 1280.0
for height== 720.0

_____________________________________________
Width==== 1280.0
Height=== 720.0
```

In [ ]: