|  |  |  |  |
| --- | --- | --- | --- |
| **9** | **Interfacing Raspberry Pi with Pi Camera.** | | |
|  | **To capture image:**  import picamera  from time import sleep  #create object for PiCamera class camera = picamera.PiCamera()  #set resolution  camera.resolution = (1024, 768)  camera.brightness = 60 camera.start\_preview() #add text on image  camera.annotate\_text = 'Hi Pi User' sleep(5)  #store image camera.capture('image1.jpeg') camera.stop\_preview() | | |
|  |  |  |

|  |  |
| --- | --- |
|  | **To capture video:**  import picamera  from time import sleep  camera = picamera.PiCamera() camera.resolution = (640, 480) print()  #start recording using pi camera camera.start\_recording("/home/pi/demo.h264") #wait for video to record camera.wait\_recording(20)  #stop recording camera.stop\_recording() camera.close()  print("video recording stopped")  **To Play the video:**  Omxplayer demo.h264 |