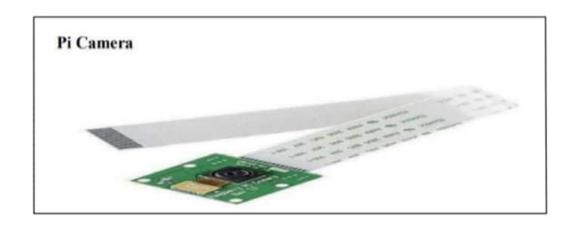
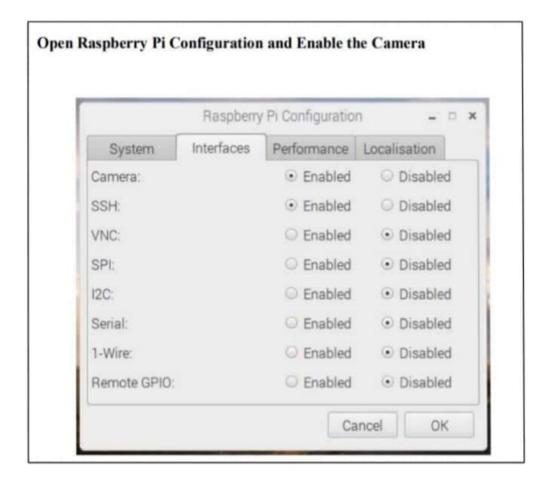
Experiment no: 5 Aim :- Understanding and connectivity of Raspberry-Pil Beagle board with comera write an application to capture and Store the image Theory :-Raspbelly Pi Cornera module 12 replaced the original camera module in april 2016 The comera module can be used to take high-defination video, as well as stills photographs we can read all gong details about IMX219 & Exmore Rouch-illuminated sensur architecture on sony's website It supports 1080p30, 720p60 + VaAgo video modes as well as still capture. The camera works with all models of Raspbelly Pi 1,2 43. It can be access through MMAL & VAL APTS + there are numerous Bird-party libraries built for it Camera Preview 5from pigamero import Pigamera from time import sleep Camera = Pi (ampra () cornera start _ preview () 5) 66 (10) (amera stop-preview ()





- GLAV	Rotating the comera :-
	comery totation =180
A FALL	Campra start - preview O
	Sleep (10)
	comera.stop-pieview ()
Bull	The state of the san house, and
	Storing to image :-
Mark	from picamera import Picamera
	from time import sleep
	Camera = Pilanera ()
	(9m erg. stell-preview ()
	dear (10)
Million	Comero Copture C'/home / Pi / desktop /imagel- jpg')
dist	(amera stop-pleview ()
Lilin	The state of the last the last of the last
DW 16	Recording he video &-
	from pi camera import pi camera
N2-18-	from time import sleep
19 (3)	Camela = Picamera ()
33.6-33	(amera start-preview ()
	canera. start. Hecording ('home/pi/video.h269')
	Sleep (10)
	Genera Stop-Hearding ()
	Camera.stop-preview ()
	Converting + playing video &-
	The video format need to get converted to MP4 so install apol
	54do apt-get install gpac
	Now convert video to MP4
	MP4BOX - fps30 - addvideo. h264 video. mp4
-	
	Conclusion:
W	e have studied Pi camera + stored images 1 video Pi camera Scanned with Camscanner
	Scanned with CamScanner