Walchand College of Engineering, Sangli

Computer Science & Engineering

Third Year

Course: Image Processing

PRN NO: 2020BTECS00207

Name: Kshirsagar Mayuri Manojkumar

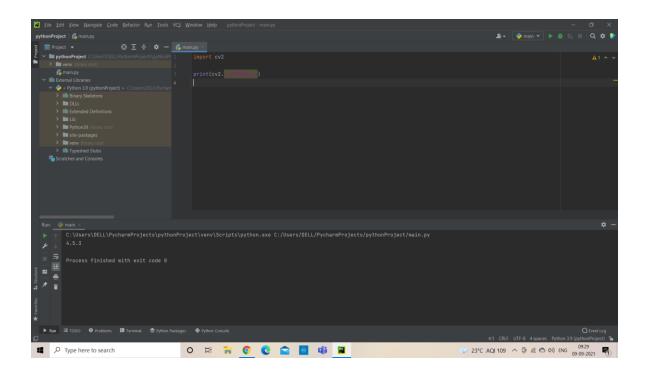
Lab course coordinator: Ms. P.D.Mundada

Batch: - T5

Experiment No:1

Q 1) Study of Open CV:-

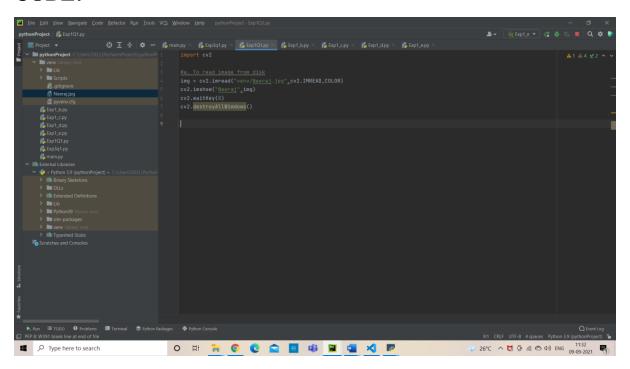
OpenCV (Open Source Computer Vision Library) is an open source computer vision and machine learning software library. OpenCV was built to provide a common infrastructure for computer vision applications and to accelerate the use of machine perception in the commercial products. Being a BSD-licensed product, OpenCV makes it easy for businesses to utilize and modify the code.

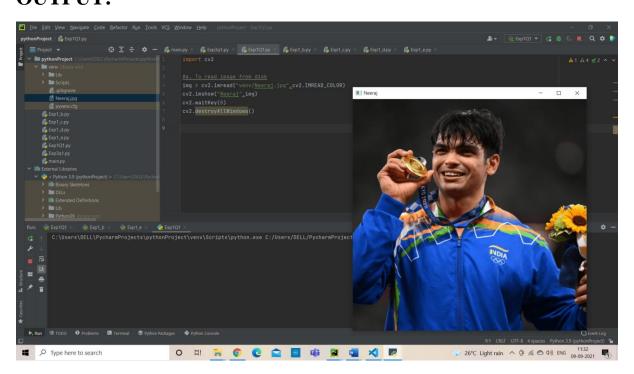


Q 2) Implement using python:

a) Read image

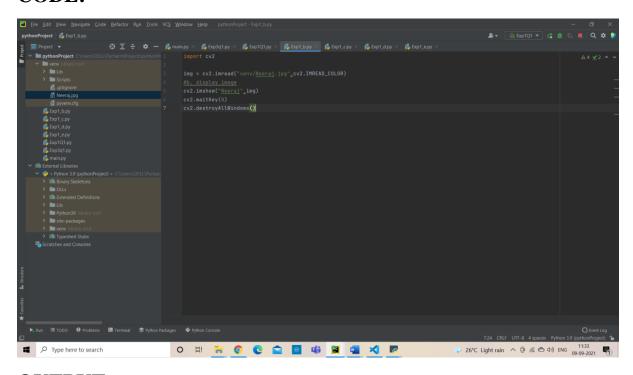
CODE:

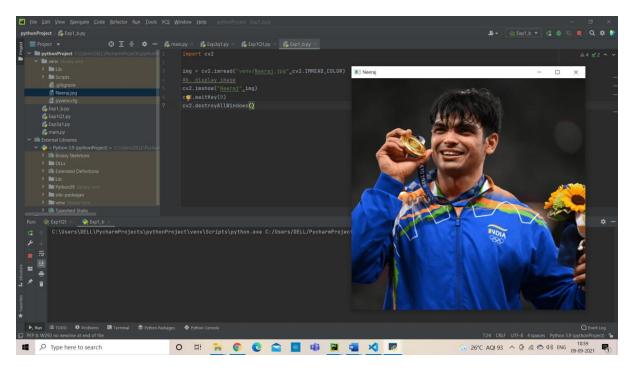




b) Display image

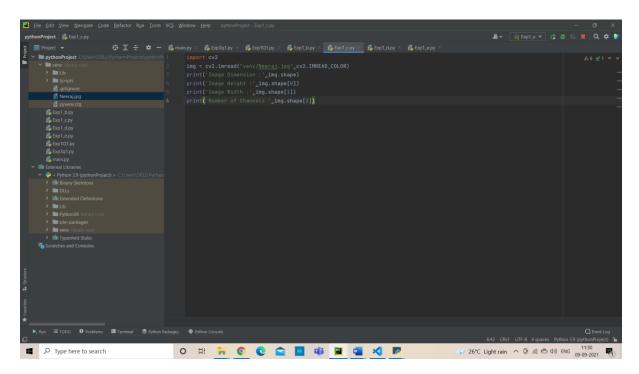
CODE:

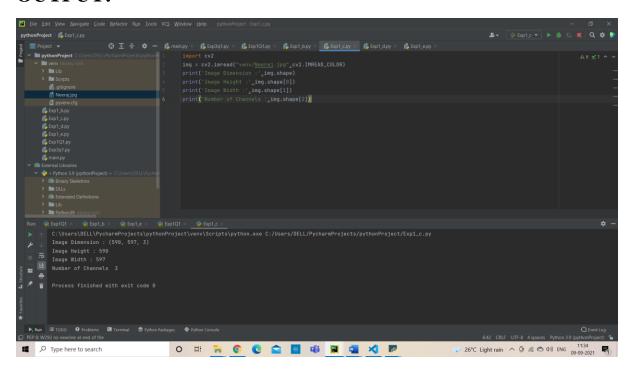




c) Display size of image

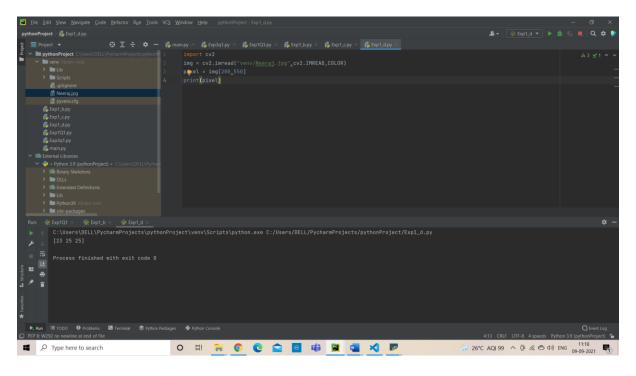
CODE:





d) Read the grey level value of a pixel at given co-ordinates

CODE & OUTPUT:



e) Resize image and save it

CODE:

