**BAHRIA UNIVERSITY, ISLAMABAD**

**Department of Computer Science**

**CEN 444**

**Digital Image Processing**

**Lab Journal 13**

**Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Enrolment No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Title: Computer Vision: Feature Extraction**

**Objectives:** To understand the problems of computer vision. To understand features in images and find those features using different computer vision algorithms.

**Tools Used:** Python

**Procedure:** Open IDLE and perform the following tasks.

**Task 1**

Take the image of your face. Make a copy and rotate that copy. Find features on your face using any algorithm e.g SIFT, SURF, ORB.

**Task 2**

Write your name and one life goal on a plain paper. Use that image to find handwriting on it using ORB, SIFT or FAST.

**Submission Date: Signature:**