# 程序代數mid belief in CS编辑导University of Birmingham, U.K.

B15 2TT

In this lab exercise, reduction method callyour work, answering

idea behind face recognition using a dimensionality ked to write a short (no more than 2 pages) report of nd showing example images. This work is not assessed k) but you will get formative feedback.

## **STEP 1:**

Download the zip was extractive data statistical costs CANVAS and save them in your working directory

## Assignment Project Exam Help

• Work through the matlab script 'eigen faces.m' that has comments to explain all the steps/

## Question 1: Email: tutorcs@163.com

• One line 38 when you plot a face, why is it inverted? Does it matter?

## Question 2: QQ: 749389476

When we need to calculate PCA for higher resolution we need to think differently on how to improve computational speed! How can we achieve this?
https://tutorcs.com

#### **Question 3:**

When you look at each PC, in order of importance, what do you see?

### **Question 4:**

As you decrease the number of PCs used for face reconstruction, what do you observe?

#### **Question 5:**

Based on the lecture notes, modify the algorithm to allow face recognition.