UNIVERSITY OF
SINDH

FACULTY OF ENGINEERING TECHNOLOGY.

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ROLL NO: 2K18-ELE-53

DEPARTMENT: BS-ELECTRONICS (P-IV)

SUBJECT: COMPUTER VISION

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Image Processing:

1- Original Picture:

I = imread('cameraman.tif');

J = imcomplement(I);
imshowpair(I, original')

It shows an actual picture of vision to enhace the vintage in other images.

2- Glitter Picture:

```
J = imreconstruct(marker,mask)
= imreconstruct(marker,mask,conn)
```

performs morphological reconstruction of the image marker under the image mask, and returns the reconstruction in J. The elements of marker must be less than or equal to the corresponding elements of mask.

3- Edge Picture:

BW = edge(I , method)

An edge in an image is a significant local change in the image intensity, usually associated with a discontinuity in either the image intensity or the first derivative of the image intensity.

Working:

In image processing, it is defined as the action of retrieving an image from some source, usually a hardware-based source for processing. It is the first step in the workflow sequence because, without an image, no processing is possible. ... In image acquisition using pre-processing such as scaling is done.