Name: ROTHA Dapravith

ID: e20190915

Group: I5-GIC(B)

**Assignment Lesson 13**

1) Give an example of image darkness by drawing the intensity table of each pixel? You can choose any values of modify value.

2) Give an example of image brightness by drawing the intensity table of each pixel? You can choose any values of modify value.

**Answers**

1). Give an example of image darkness by drawing the intensity table of each pixel:

- Original Image:

|  |  |  |
| --- | --- | --- |
| 100 | 150 | 200 |
| 120 | 180 | 210 |
| 80 | 130 | 160 |

To make an image darkness, we can decrease the intensity values, in this case, I choose to subtract 50 from each pixel intensity:

* Darkness Image:

|  |  |  |
| --- | --- | --- |
| 50 | 100 | 150 |
| 70 | 130 | 160 |
| 30 | 80 | 110 |

2). Give an example of image brightness by drawing the intensity table of each pixel:

- Original Image:

|  |  |  |
| --- | --- | --- |
| 100 | 150 | 200 |
| 120 | 180 | 210 |
| 80 | 130 | 160 |

To make an image brightness, we can increase the intensity values, in this case, I choose to plus 50 from each pixel intensity:

* Brightness Image:

|  |  |  |
| --- | --- | --- |
| 150 | 200 | 250 |
| 170 | 230 | 260 |
| 130 | 150 | 210 |