Assignment 1

1. Change the Spacing between slits to 3500 nm.

2. Calculate the angle of fourth and fifth maxima.

Assignment 2

1. Change the wavelength to 380 nm and width of slit to 5000 nm.

2. Use the table as shown earlier in this tutorial for your referernce.

Wavelength= 380 nm
Width of slit= 5000 nm

Maxima	Relative Intensity	Minima	Relative Intensity

3. Tabulate the total number of maxima and minima.

4. For each maxima tabulate the value of relative intensity from the App.

5. Explain the diffraction pattern.

Assignment 3

Differentiate between interference and diffraction patterns.