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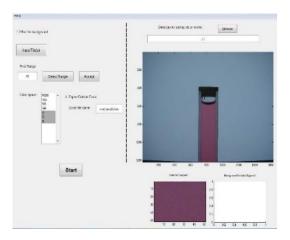
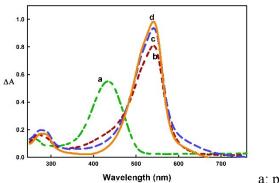


Figure S1. Photograph of the software written (in MATLAB) for image analysis



a: pH=5, b: pH=7.4, c: pH=8, d: pH=9.3

Figure S2. Changes in the absorbance spectra of the studied dye at different pH media