## Ain Shams University Faculty of Computer and Information Sciences Data Structures Project



| Title            | Image Files Compression Using Huffman Code   |
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| Description      | Develop an application capable of generating a compressed version of image files (binary .bmp file) using the Huffman code algorithm.              |
| Group size       | 4 members.   |
| Deliverables     | An application that: 1. Browses for an image file 2. Compresses it 3. Displays the time it took to compress the file 4. Displays the Huffman tree. |
| Bonus extensions | Add a decompression feature to the application, where you can browse for a compressed file and decompress it.                                      |
| Mentor           | T.A. Dina Khattab  |
| Notes            | To read about Huffman code: http://en.wikipedia.org/wiki/Huffman_code.   |