

ICO to 24–Bit BMP

Group - 13

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Objective

To convert a given ICO file image to 24-bit BMP image.

Overview

The ICO file format is an image file format used for icons in Microsoft Windows. These files contain one or more small images at multiple sizes and color depths. BMP is also a format developed by Microsoft to store images. BMP file format is capable of storing two-dimensional digital images both monochrome and color, in various color depths.

Note: We have only considered the ICO files containing a single BMP image.

Instructions to Run Code

- Give the command 'make'.
- Two files will be formed with extension (.o), namely func.o and main.o.
One file will be formed by the name output.
- Run the command ./output <sample_file.ico.
- A bmp file will be formed by the same name as that of the sample file.

Work Distribution and Contribution

- ✓ ICO Research and Code Writing

Satvik Verma and Naitiksinh Solanki

- ✓ BMP Research and Code Writing

Manan Patel, Sai Murali Krishna Jayam and Guggulla Vamshi Krishna Reddy

- ✓ Debugging

Manan Patel, Naitiksinh Solanki and Satvik Verma

- ✓ Makefile

Satvik Verma

- ✓ Integration of both files

Manan Patel

- ✓ Comments Writing

Naitiksinh Solanki