Computer Vision Homework 1

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**Part 1**

(a) upside-down lena.bmp

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| Original Lena | Upside-down Lena |

(b) right-side-left lena.bmp

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| --- | --- |
| Original Lena | Right-side-left Lena |

(c) Diagonally mirrored lena.bmp

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| Original Lena | Diagonally mirrored Lena |

**Part 2**

(d) Rotate lena.bmp 45 degrees clockwise

Use PhotoShop to deal with rotating.

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| Original Lena | Rotated Lena |

(e) Shrink lena.bmp in half

Use PhotoShop to deal with shrinking.

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| Original Lena | Shrank Lena |

(f) Binarize lena.bmp at 128 to get a binary image

Use my own code to deal with binarizing.

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| Original Lena | Binarized Lena |

**My code**

