**Rotation Task**

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# 1. Purpose of the Document

To submit the explanation of rotation task algorithm, that converts the provided RGBA data buffer that is an ImageData object, and returns a valid RGBA data buffer - an ImageData object, when the image is rotated to a particular angle.

+ve Angle is a clockwise rotation

-ve Angle is an Anti-clockwise rotation

The proposed function should follow the input and output signature as follows  
 **rotate(image: ImageData, angle: double) : ImageData**

# 2. Pre-Requisites

A. rotator.html  
B. MyImage.jpeg (Any RGBA image of some format (jpeg))  
C. rotate function inside rotator object with method signature **rotate(image: ImageData, angle: double) : ImageData**D.

# 3.

# 4.

# 5.

# 6.

# 7.