In20-S5-EN3160 – Assignment 1

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Github Repository :- [RuchchaSD/EN3160 (github.com)](https://github.com/RuchchaSD/EN3160)

**Question 1**

A comparison of a person's face

Description automatically generated

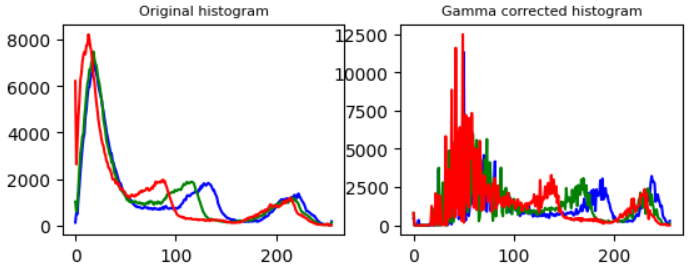
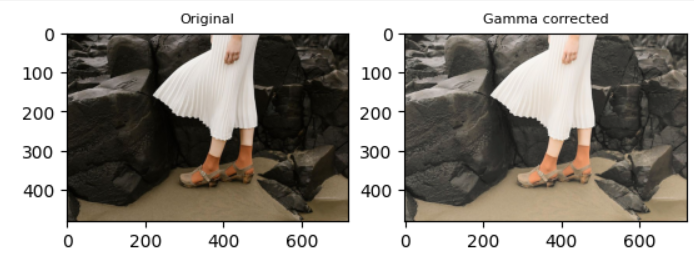
**Question 2 (Only Image transformation code snippet)**

A close-up of a brain scan

Description automatically generated

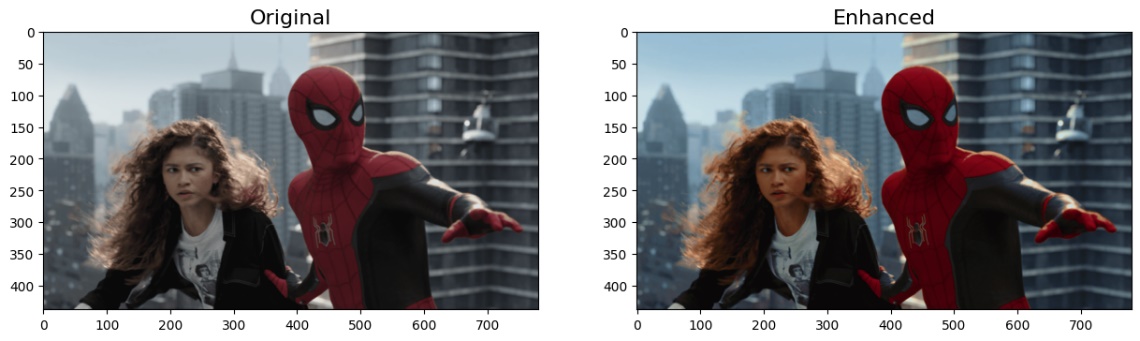
**Question 3 (Only Image transformation code snippet)**





**Question 4 (Only Image transformation code snippet)**

A graph of a function

Description automatically generated

**Question 5 (Only Image transformation code snippet)**

**A close-up of coffee beans

Description automatically generated**

**Question 6 (Only Image transformation code snippet)******

A graph of a line

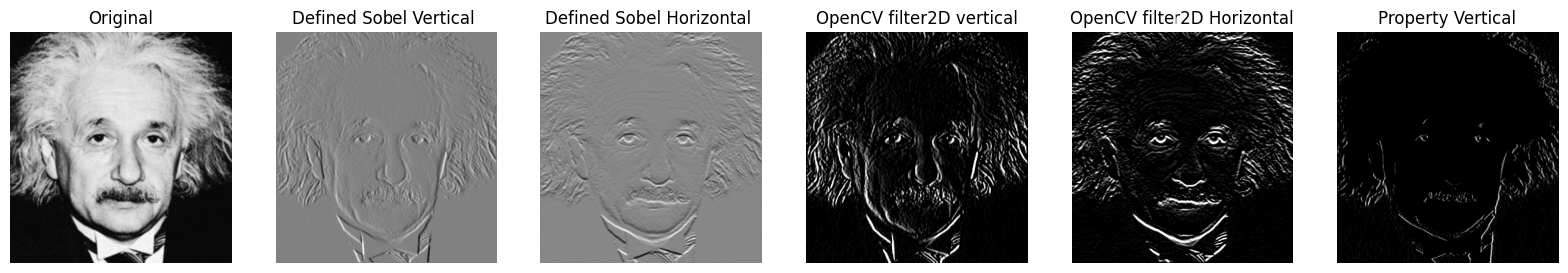
Description automatically generated with medium confidenceA white silhouette of a person

Description automatically generatedA person with long hair

Description automatically generated

**Question 7**



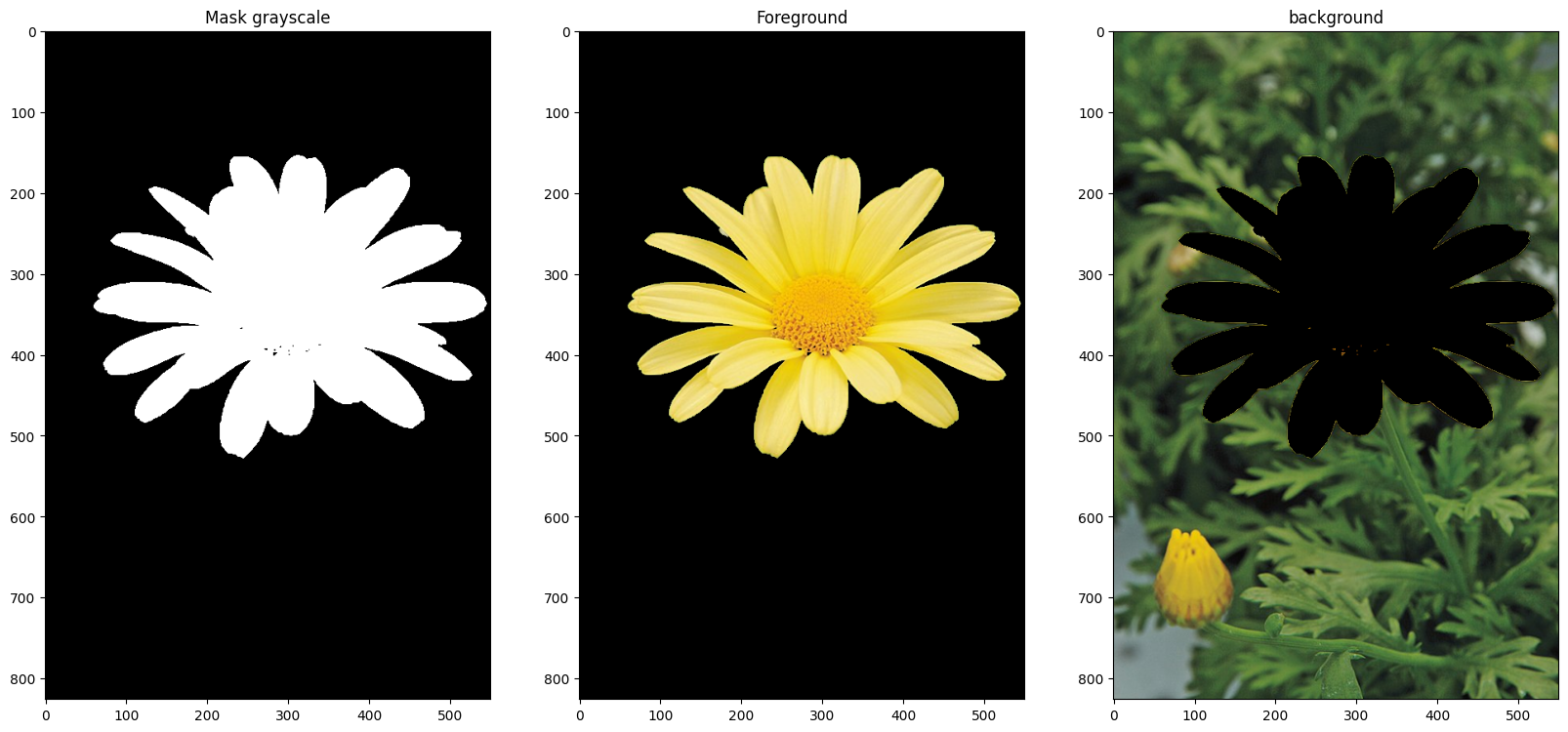


**Question 8**

A screenshot of a computer code

Description automatically generated

**Question 9**

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A close-up of a flower

Description automatically generated

Q9.(c) The dark edges were introduced due to gaussian blur applied to the background image. The part were the foreground flower was present was black when gaussian blur was applied. So the kernel for gaussian blur would have taken the black pixels in the cut part for calculating values for the edges in the final image.