Laborator p2 – Documentație

## Cerință

1. In [image processing](https://en.wikipedia.org/wiki/Image_processing), a **Gaussian blur** (also known as **Gaussian smoothing**) is the result of blurring an [image](https://en.wikipedia.org/wiki/Image) by a [Gaussian function](https://en.wikipedia.org/wiki/Gaussian_function) (named after mathematician and scientist [Carl Friedrich Gauss](https://en.wikipedia.org/wiki/Carl_Friedrich_Gauss)).
2. It is a widely used effect in graphics software, typically to reduce [image noise](https://en.wikipedia.org/wiki/Image_noise) and reduce detail. The visual effect of this blurring technique is a smooth blur resembling that of viewing the image through a translucent screen, distinctly different from the [bokeh](https://en.wikipedia.org/wiki/Bokeh) effect produced by an out-of-focus lens or the shadow of an object under usual illumination.
3. Gaussian smoothing is also used as a pre-processing stage in [computer vision](https://en.wikipedia.org/wiki/Computer_vision) algorithms in order to enhance image structures at different scales—see [scale space representation](https://en.wikipedia.org/wiki/Scale_space_representation) and [scale space implementation](https://en.wikipedia.org/wiki/Scale_space_implementation).

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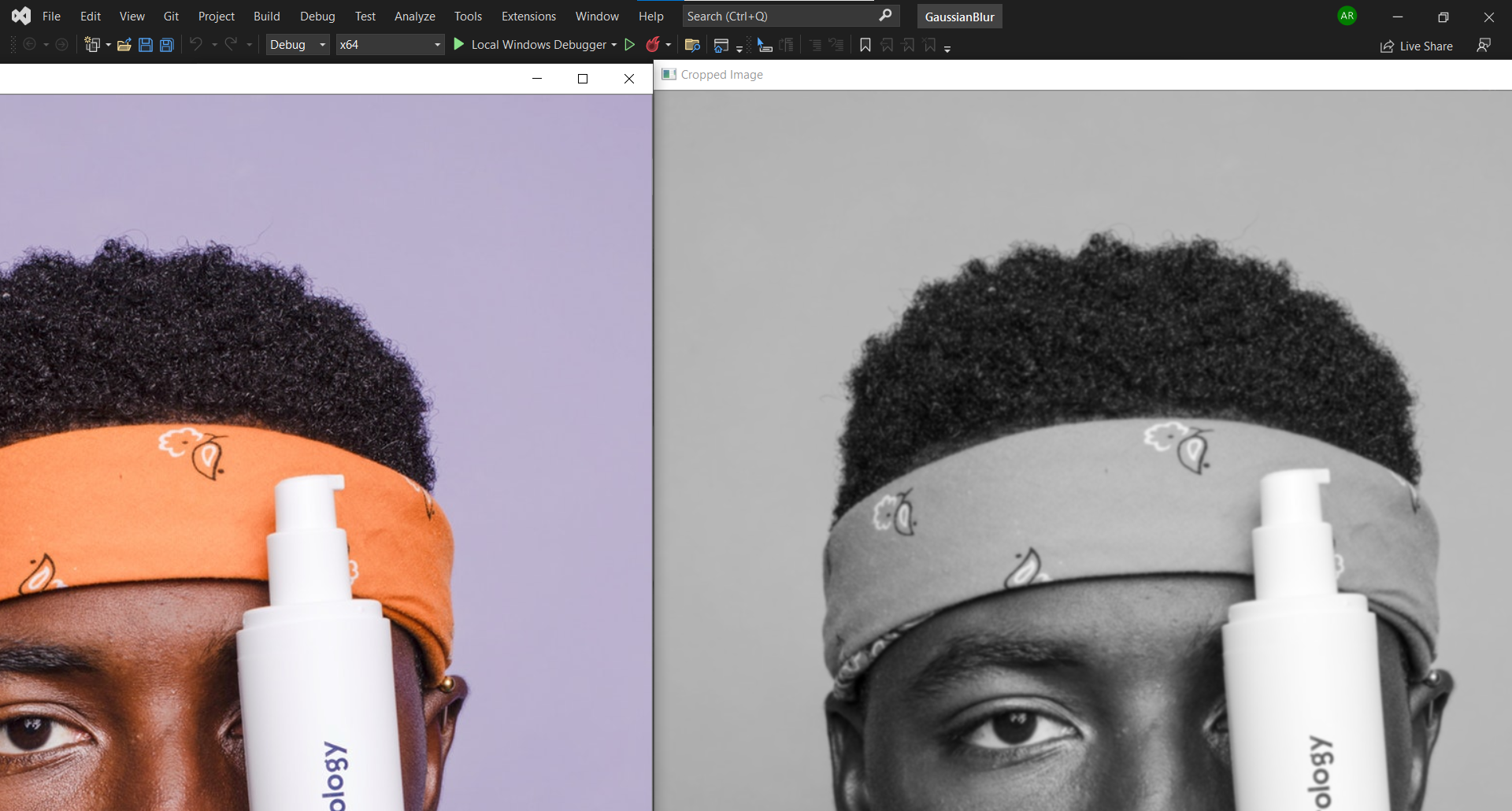
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Rezultate:



A picture containing text, hat, person, wearing

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