FACULTY OF TECHNOLOGY

Information & Communication Technology

DMGT-01MA0231

Beauty Ratio

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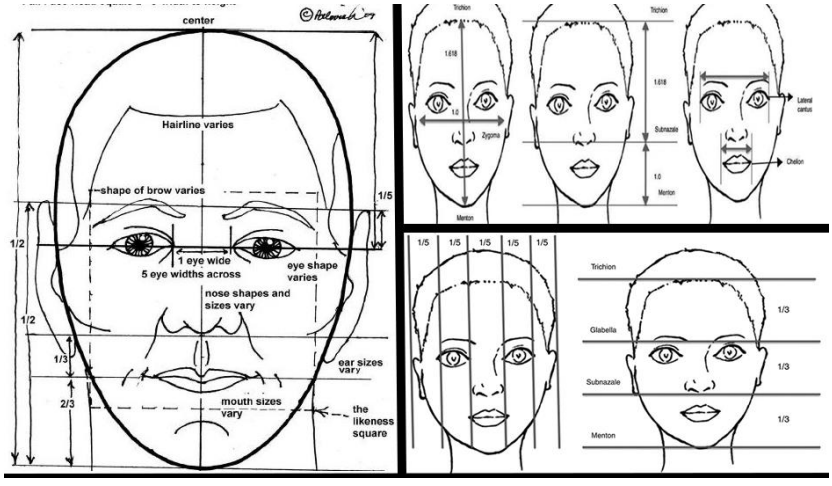
Explaination:

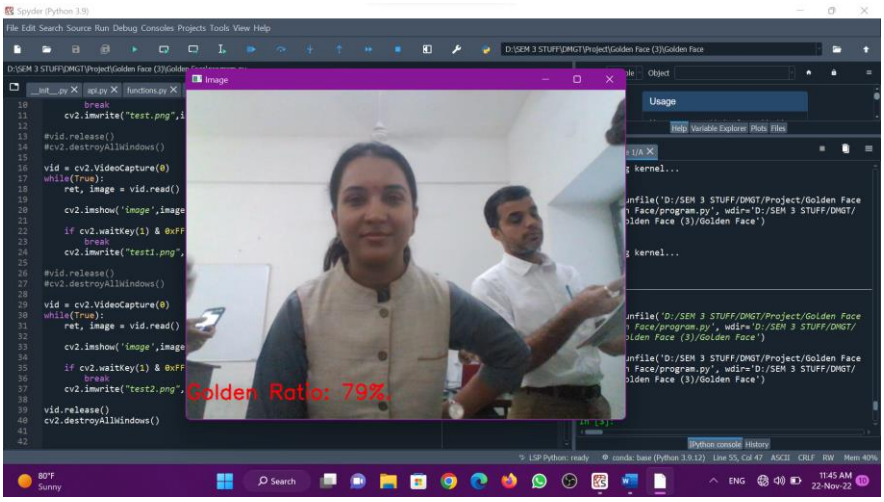
First of all it will take a picture and it will find ratio for the whole face after for face parts(eyes,nose).after that it will calculate and compare the ratio with golden ratio and finally gives output in percentage.

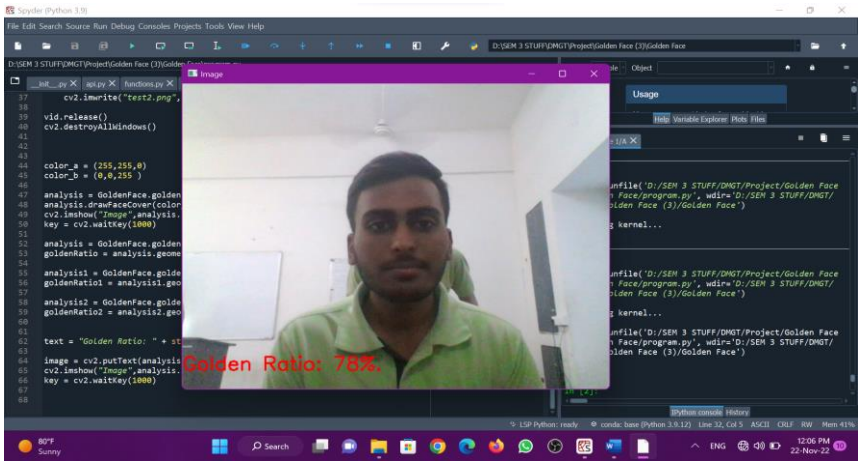
this project is made on python language we have used 2 libraries opencv and goldenface. Where opencv is for taking photo and and image processing and goldenface is for calculating the ratio.

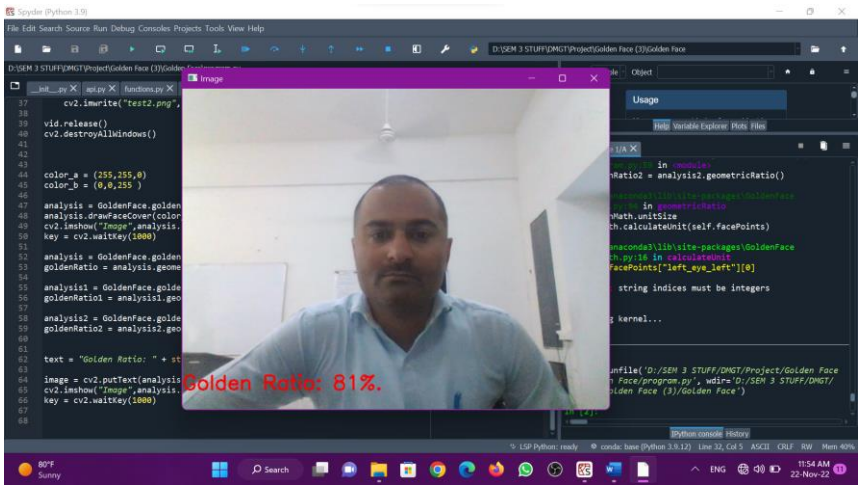
For different expression there might be different ratios hence we programmed it for take 3 pictures for more accuracy. It will calculate the ratios for all three picture and finally it will take average.



OUTPUT:







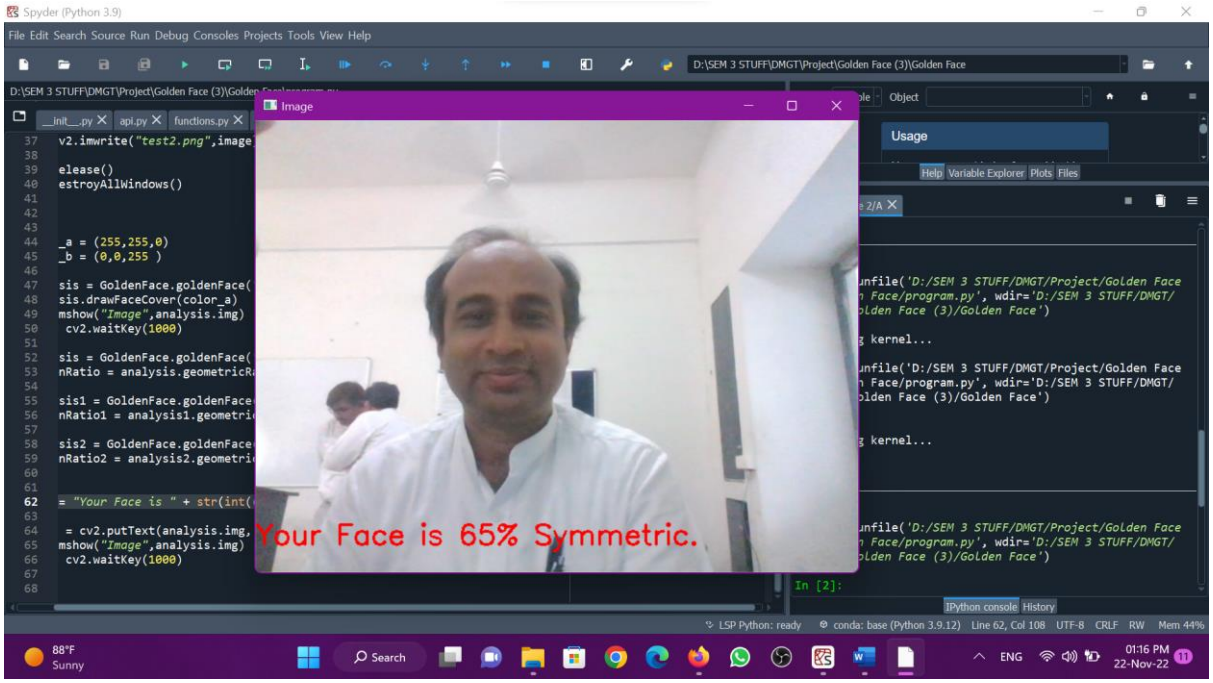


Image
Your Face is 65% Symmetric.

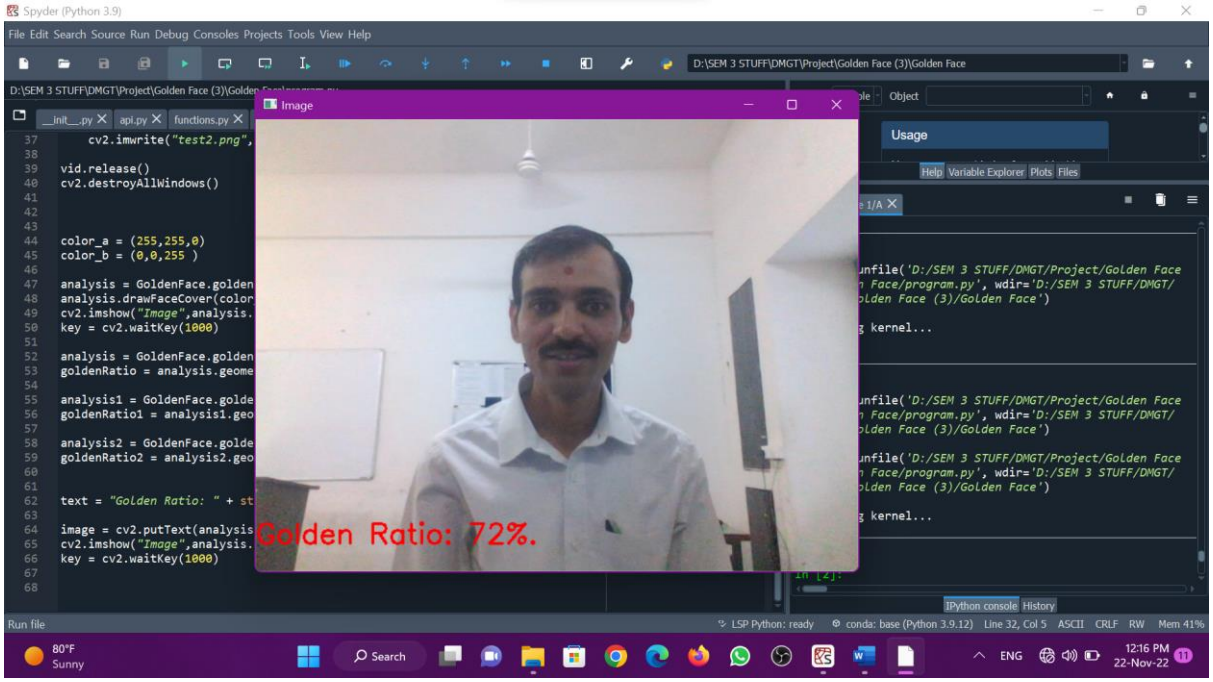


Image
Golden Ratio: 72%.