Department of Computer Science

Assignment

Computer Vision

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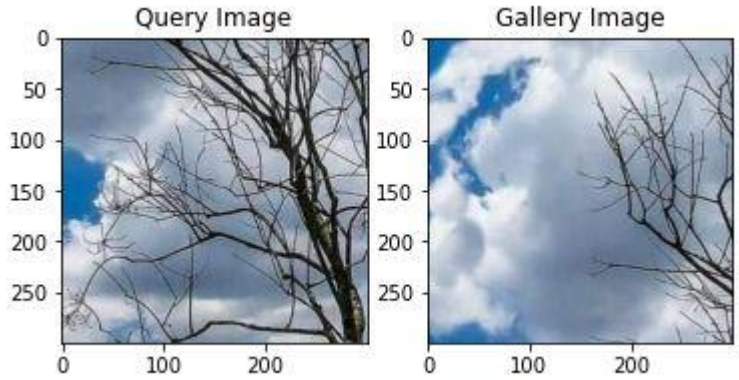
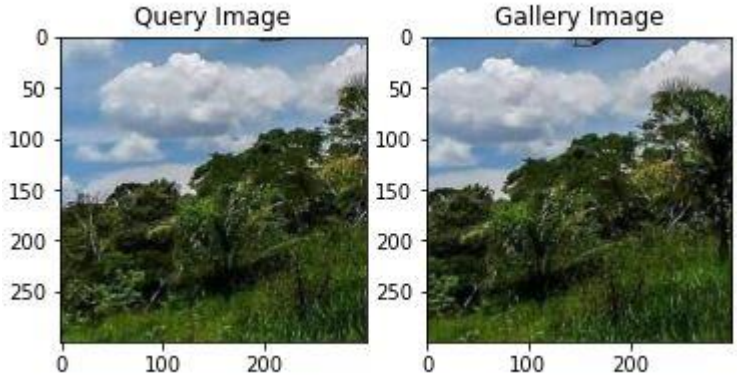
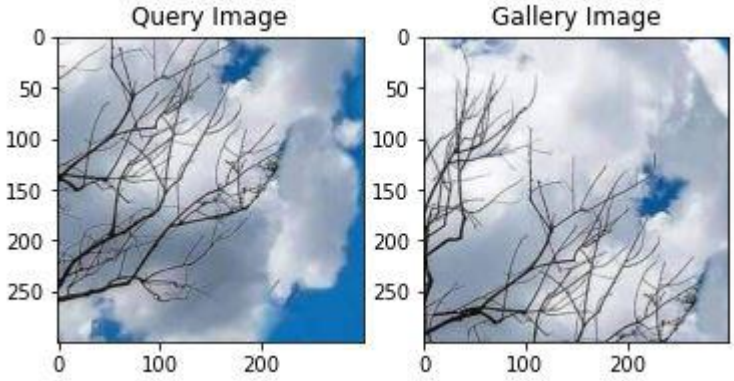
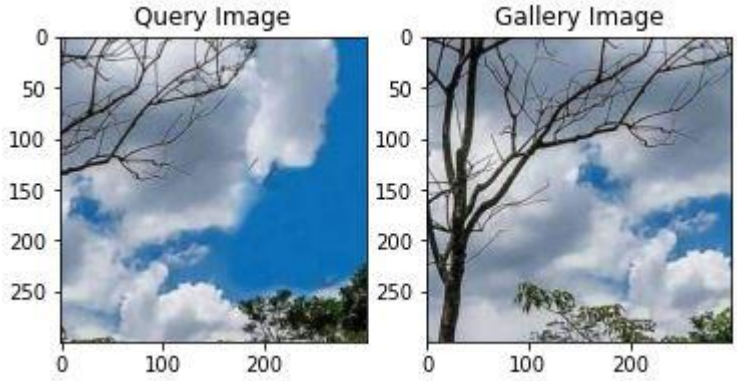
Semester	V

Table of Distance of Every Possible Pair of Images

Name	Gimage0	Gimage1	Gimage2	Gimage3	Gimag4
Qimage0	10184412880	10532048674	10774987567	10971386644	10498252559
Qimage1	10892468124	10531051002	10902786347	10979805992	9085528949
Qimage2	10378149438	10743826752	10366416799	10791536702	10528418475
Qimage3	10824968466	10697387760	10800363919	10782230112	10735737555
Qimage4	10658701767	10461614181	10844915910	10763802451	10072620270

Analysis

It was my first experience of working with python. I learned a lot from this assignment. It was very interesting. In my dataset, I cropped 5 random images in Gallery folder and 5 random images in Query folder. Then I compared each query image with gallery image and reported the best possible match. One thing, I really noticed and not sure why this happened was the large values of SSD between every pair.

Query Image Name	Best Match Distance	Query and Gallery Images Best Matches
Qimage0	10184412880	
Qimage1	9085528949	
Qimage2	10366416799	
Qimage3	10697387760	

Qimage4	10072620270