Name - Tisha Garg

Class - CSE CSTI

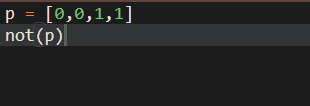
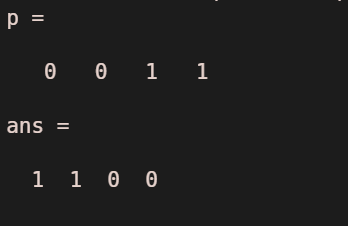
Roll no - 2K20CSUN05020

LAB -8

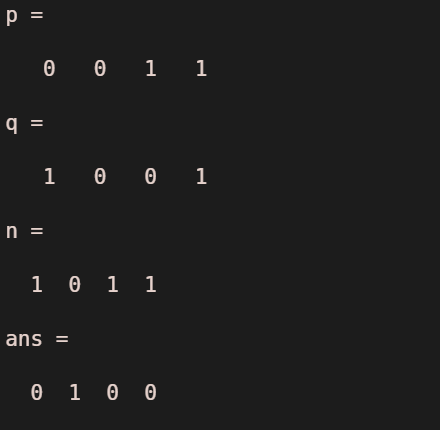
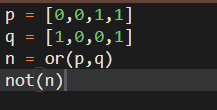
Calculus And Linear Algebra

Ques -1

(i)

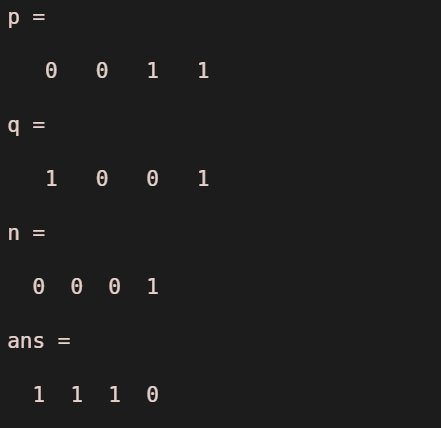
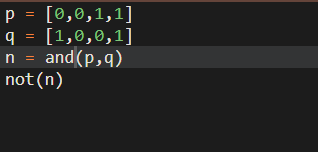
 

(ii)

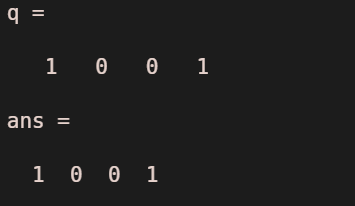
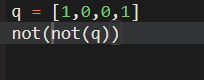


Ques-2

(i)

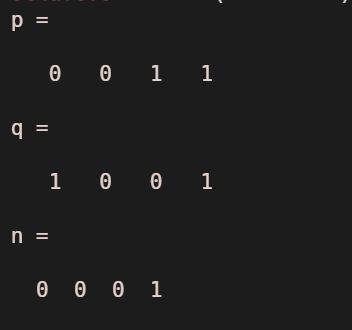
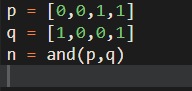


(ii)

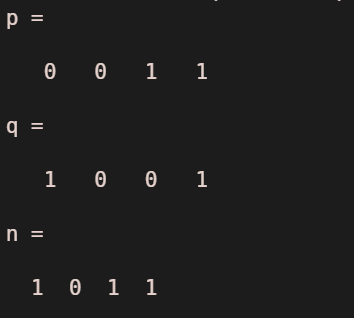
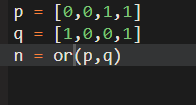


Ques-3

(i)

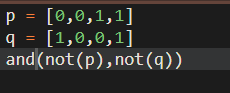
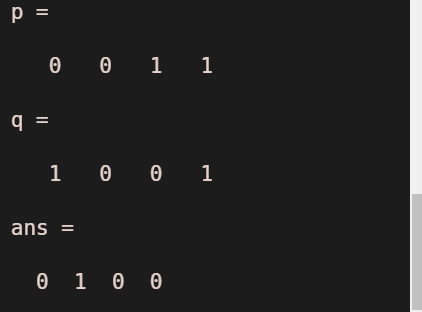


(ii)

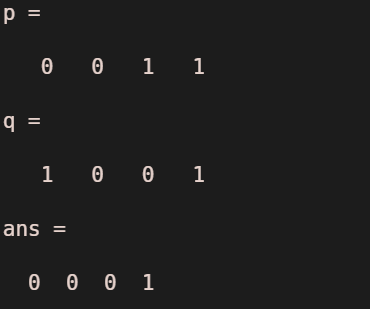
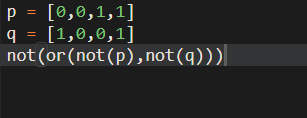


Ques-4

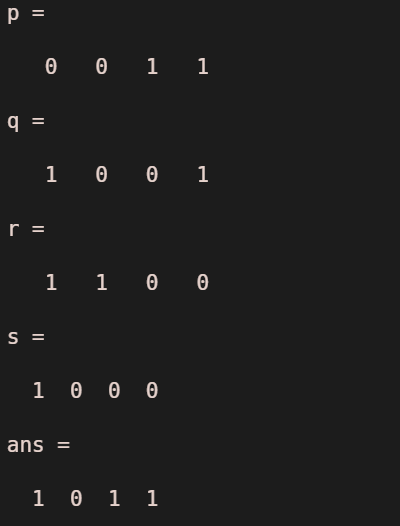
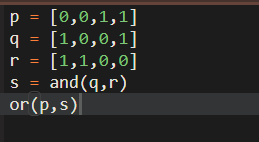
(i)

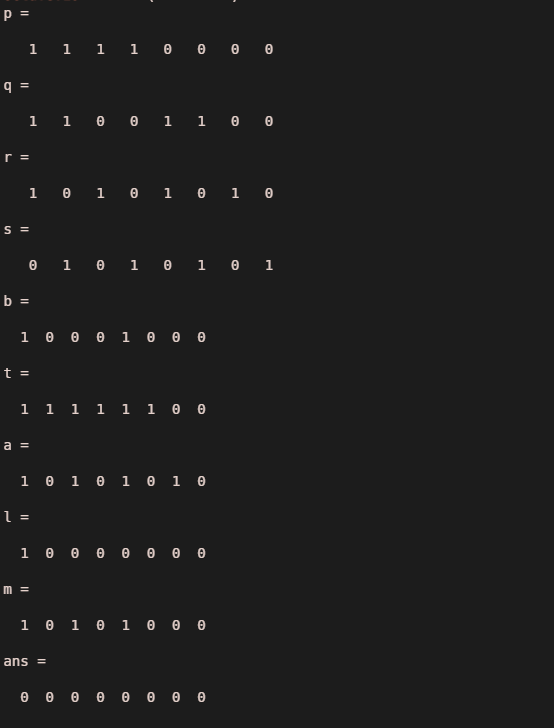
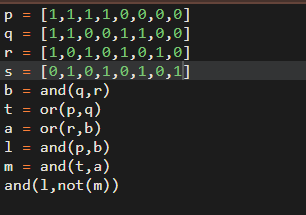
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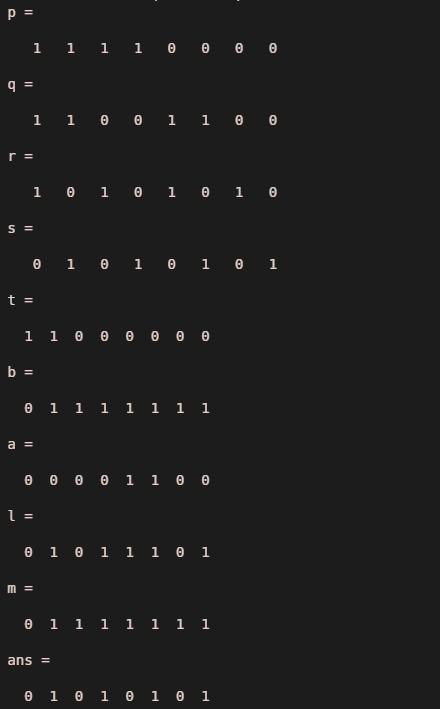
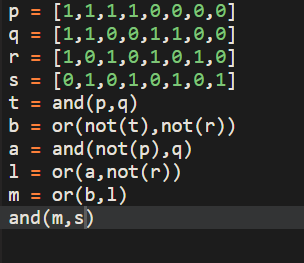
Ques-5 (i)



(ii)

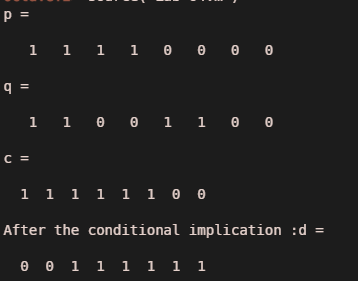
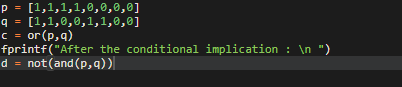


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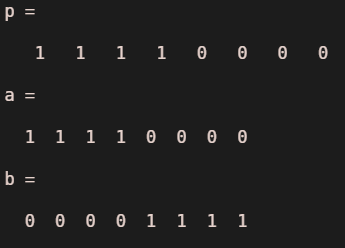
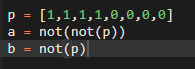


Ques-7

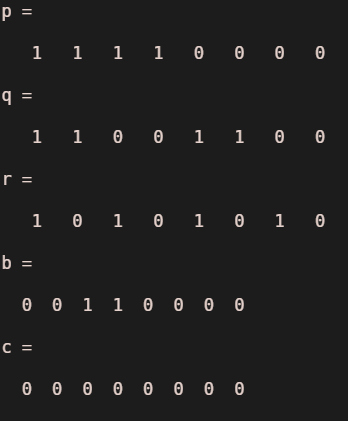
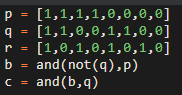
(i)



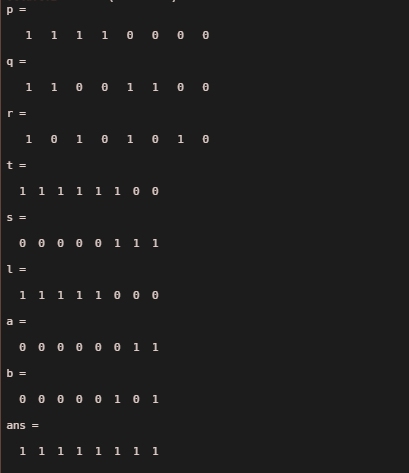
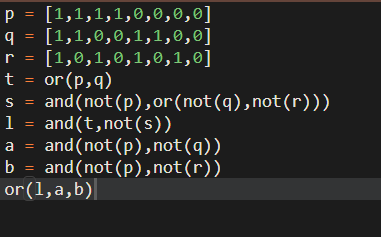
(ii)



(iii)

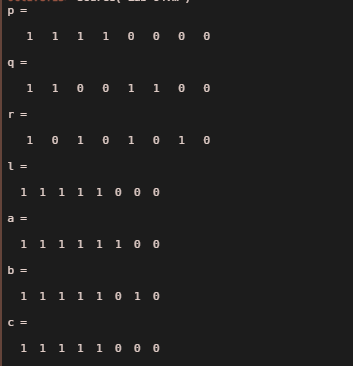
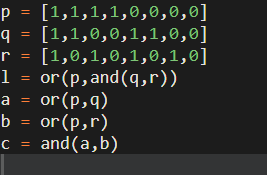


Ques- 8



Yes, it is a tautology.

Ques - 9



Distributive law is verified.