

 <div style="text-align: center;"> <h1 style="margin: 0;">SASTRA</h1> <p style="margin: 0; font-size: small;">ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION</p> <p style="margin: 0; font-size: small;">DEEMED TO BE UNIVERSITY (U/S 3 OF THE UGC ACT, 1956)</p> </div>	<p>School of Computing First CIA Test – December 2021</p> <p>Course Code: CSE101 Course Name: Problem Solving and Programming in C Year & Programme : I Year - I Sem (Semi Lab) Duration: 45 minutesMax Marks: 25</p>
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1. Write a C Program to automate the price calculation process for a car show room. Get the showroom price, discount and road tax from the user. The GST for each car differs based on the show room price.

Show room price of car	GST %
< 5 lakh	8 %
>= 5 lakh && < 10 lakh	18 %
>= 10 lakh	28 %

Calculate the onroad price of the car. (onroad price = (showroom price + road tax + GST) – discount)

Repeat the calculation process for ‘n’ cars.

(15 marks)

2. Write a C program to get ‘N’ number of non negative values. The program should show an error message for negative values. Find how many values are even and odd. Finally display the biggest value.

(10 marks)
