

BITS PILANI, DUBAI CAMPUS

COURSE: F213 (Object Oriented Programming)

DATE: 7th October 2024

Vehicle_id: String

Total: float; stores total after calling calc_total

calc_total() calculates total price (Base + Exercise duty + Sales tax)

`calc_grand_total()` calculates the price after a discount of a 10% Diwali discount.

Now call `calc_total()` to calculate total. Then after call `calc_grand_total()` to calculate the price after the discount.

Note the array of object store the detail of n number of employees.

0

1

n-1

Car 1

Car 2

Car n

255000

100000

70000

Base

Exercise

Sales

Duty

Tax

BMW 001	
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Q.2 Write a Java program which passes an int array as an argument, in the method we run a

loop to traverse the passed array to look for all duplicate elements in the array, it then stores the

element and count of all duplicate elements in a new array. This method then returns the new

array back to main which prints the duplicate elements and their count.

Q.3 Write a Java program which prints a table of a number. E.g. printTable(5) you need to

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print. Read the number n from the user.
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1	2	3	4	5	6	7	8	9	10
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2 4 6 8 10 12 14 16 18 20

3	6	9	12	15	18	21	24	27	30
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	8	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40

	0	12	18	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50

END

[illegible]