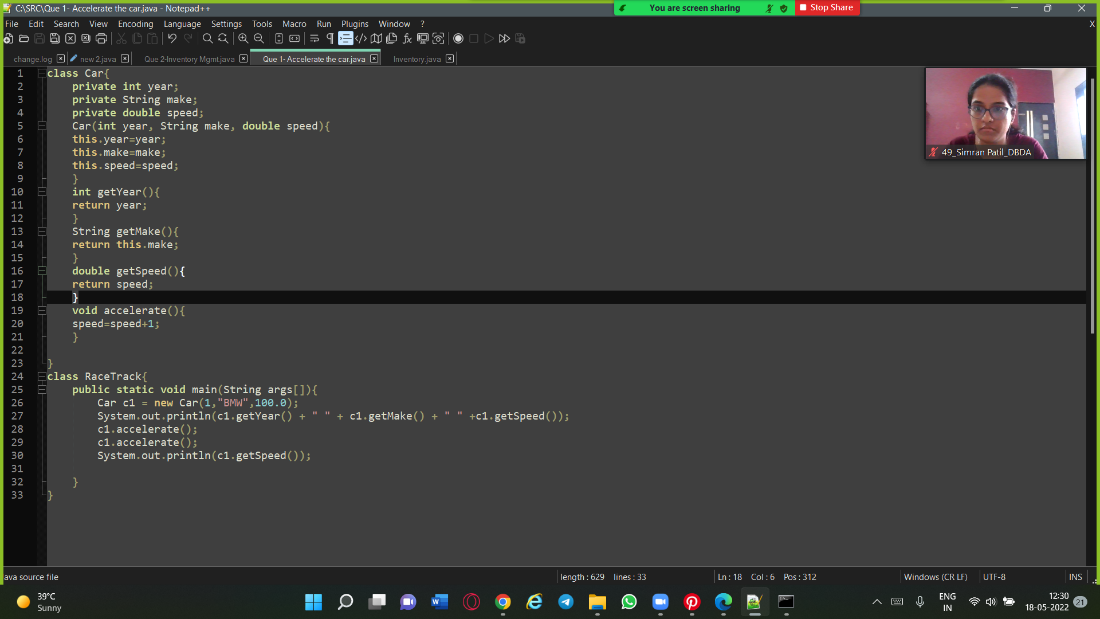
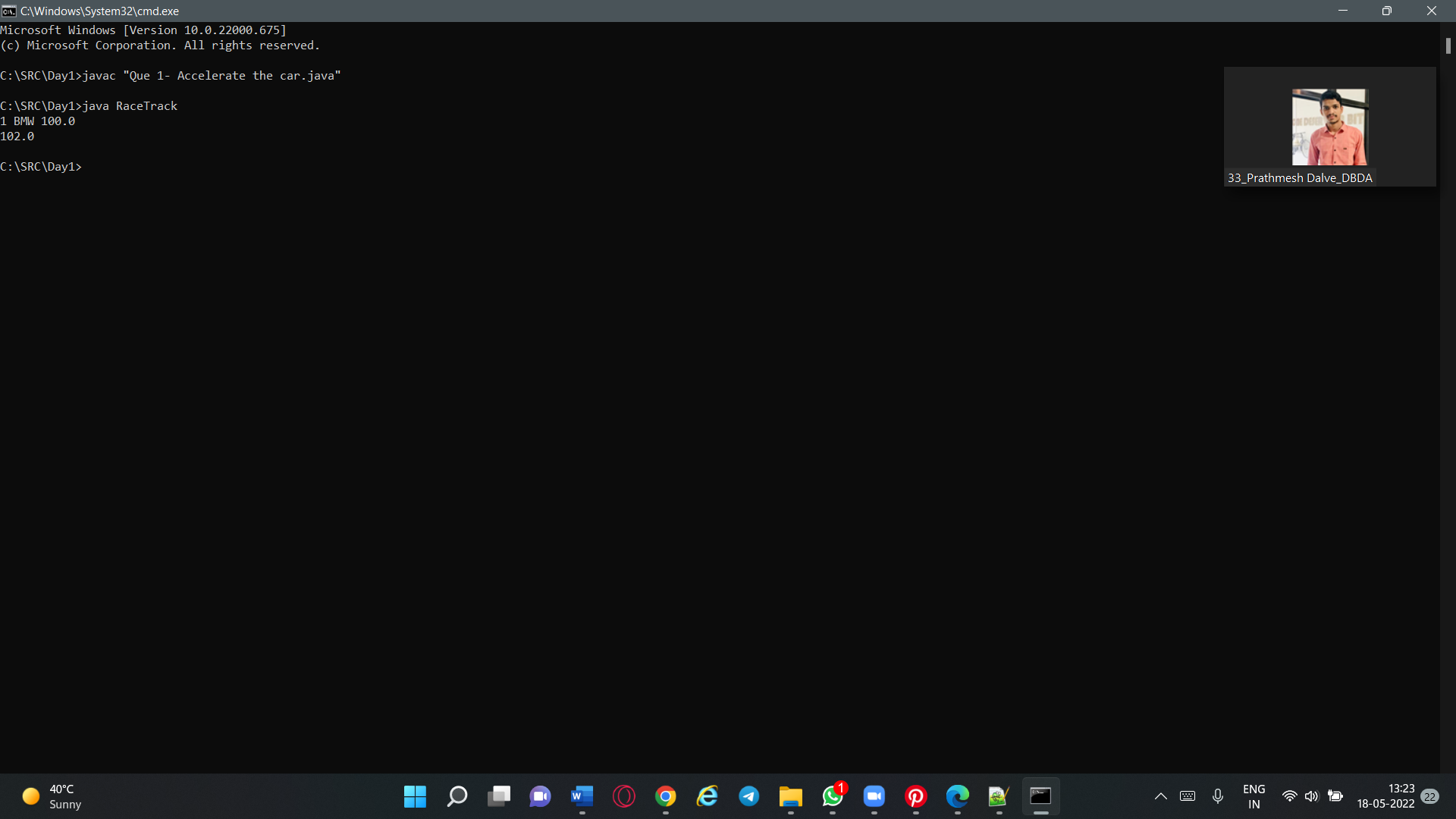
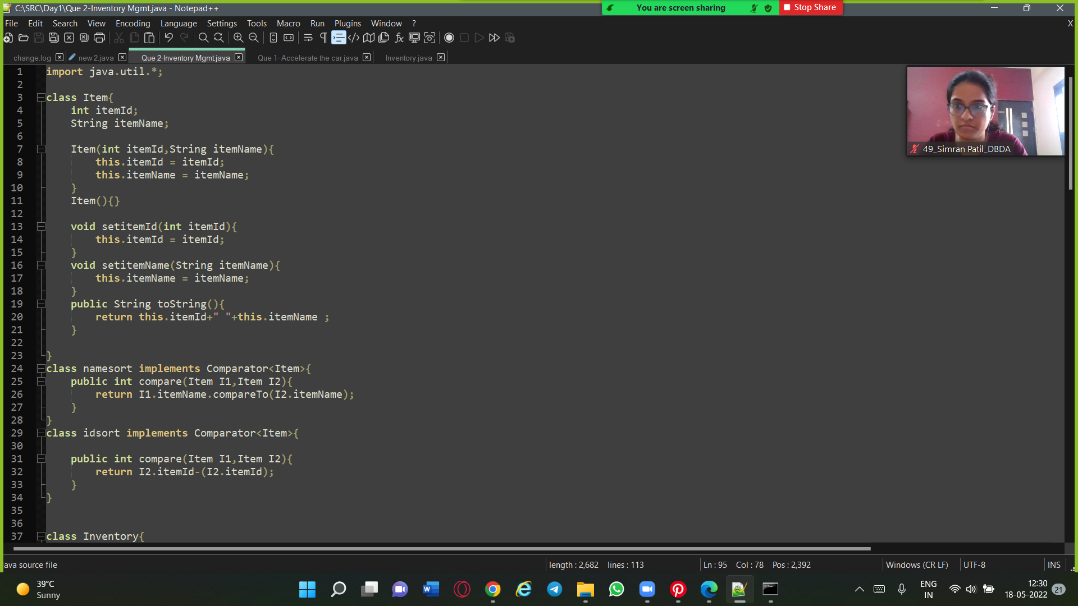
Problem 1 : Accelerate the Car (20 Marks)

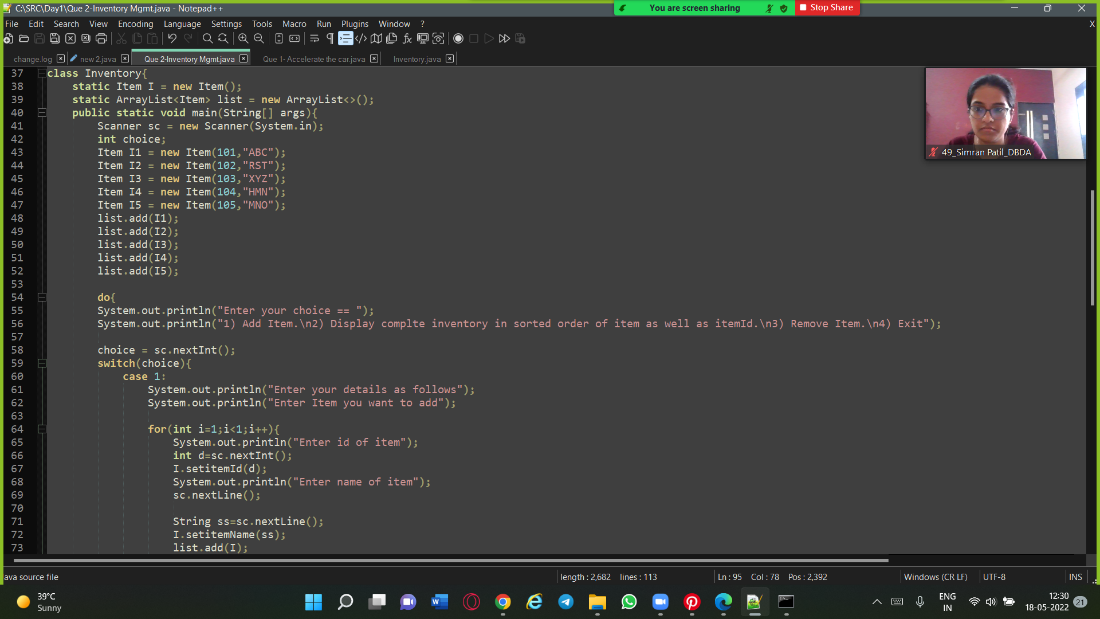


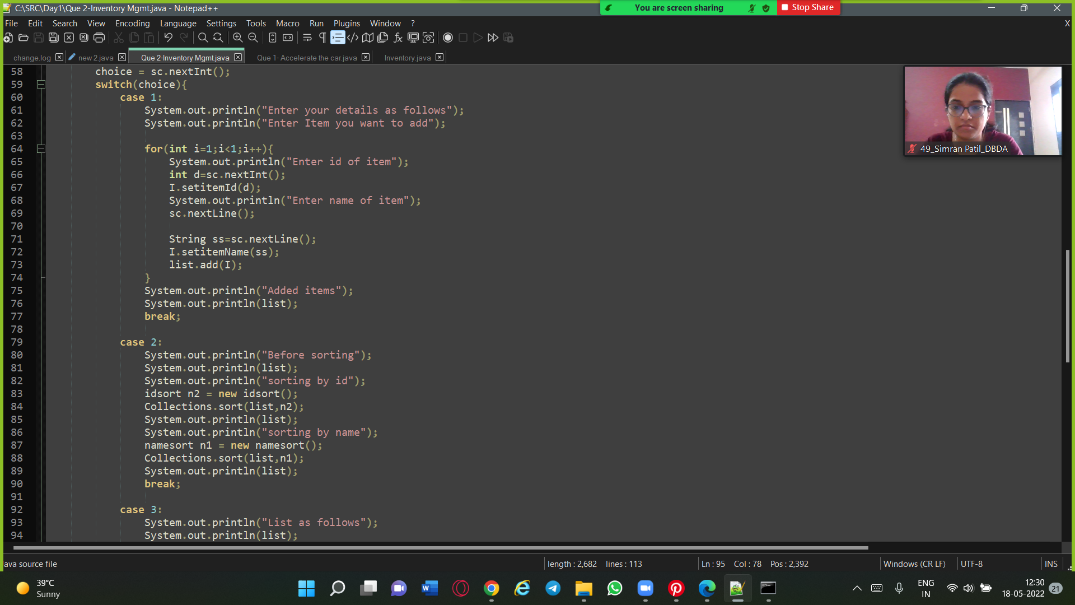
**OUTPUT**

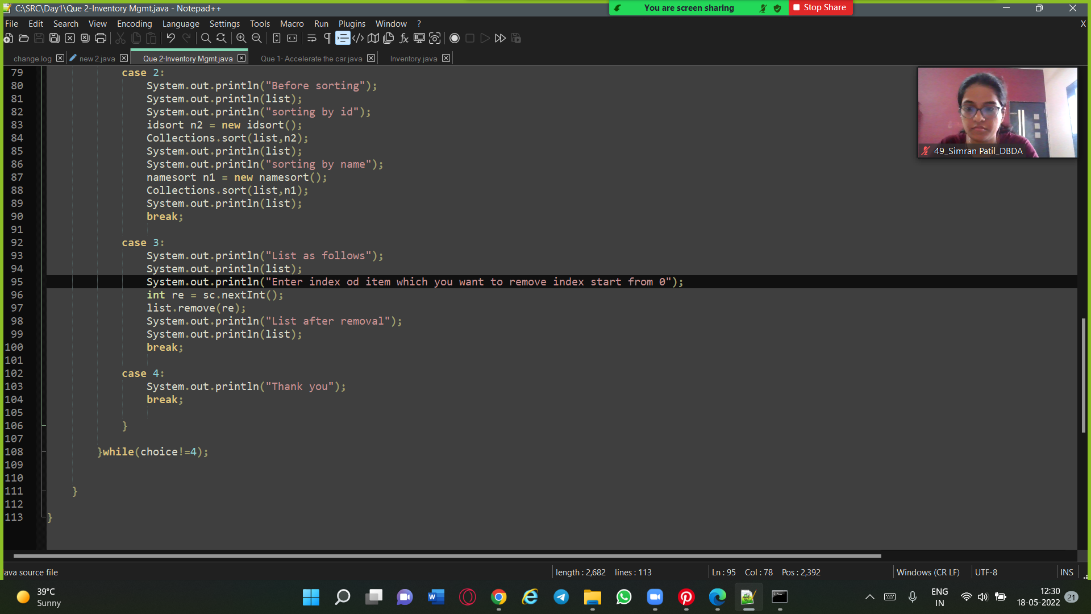
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Problem 2 : Inventory Management (20 Marks)

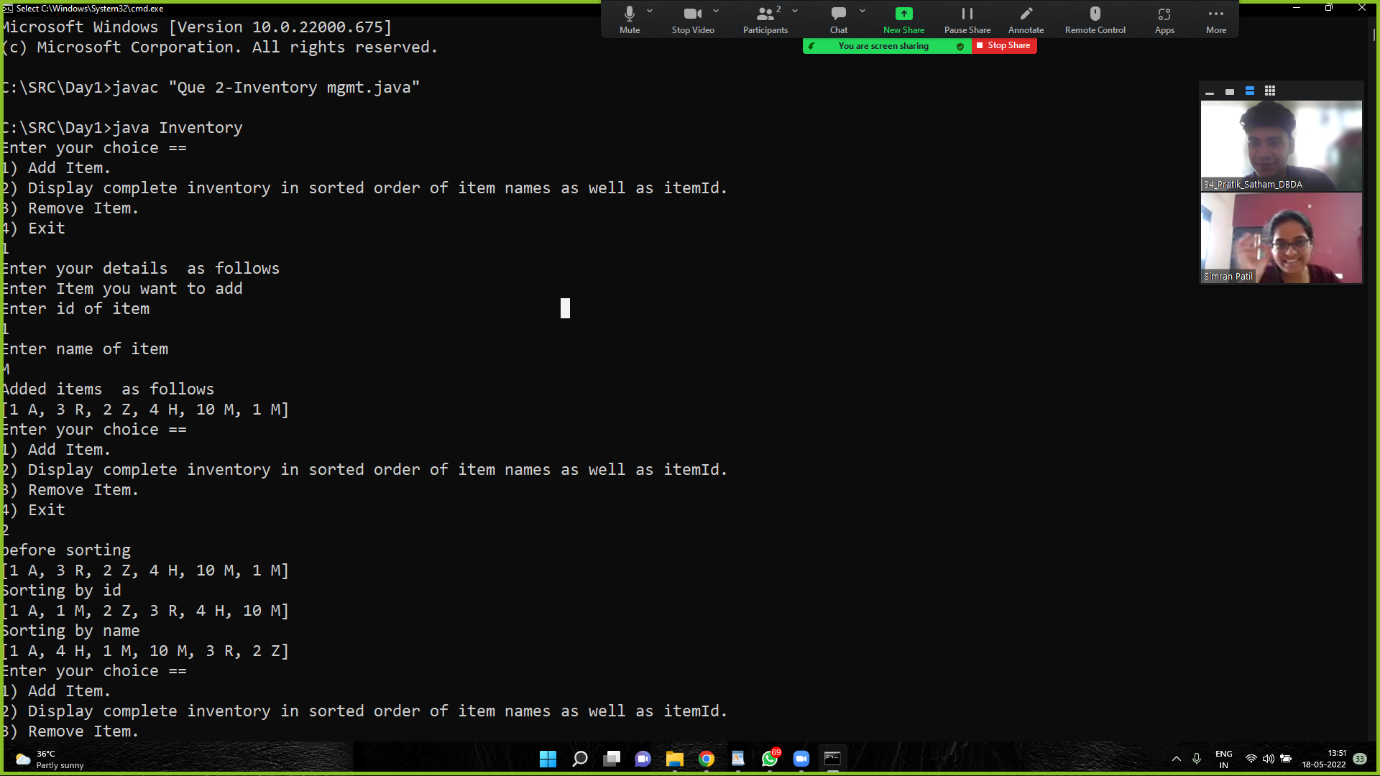


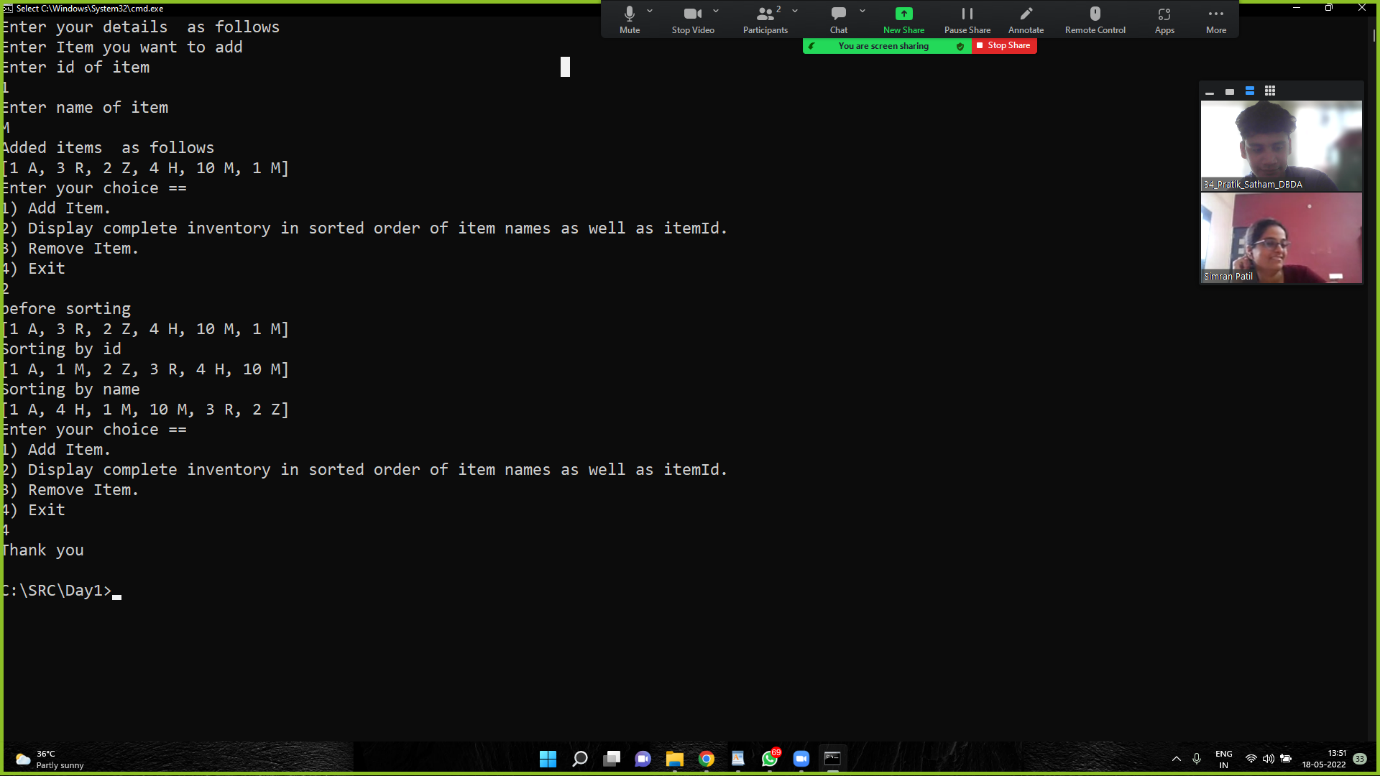






**OUTPUT**

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