


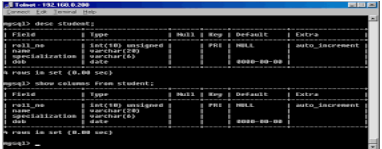




# SYLLABUS 2022-23

SUBJECT-Computer Science		CLASS- XII	
TERM I			
MONTH	TEXT BOOK - TOPIC	E LIBRARY TOPIC	ACTIVITY PROJECT/READING/ASL
APRIL	Variables and Assignment, The range Function, Python Loops, If-Else Statements	Ch 1 : Python Revision Tour I	"It's Program Time"
MAY	Multiple if, Built in functions, List, Tuplt, Dictionary	Ch 2 :Python Revision Tour II	
JULY	Function Declaration, Function Calling, Types of Function, Different types of Library, Library and modules	Ch 3: Working with function, Ch 4: Using Python Libraries	 <b>Lab Practical</b> (Write different programs using maths module and matplotlib library.)
AUGUST	Types of Modes, Types of Functions, CSV Files	Ch 5: File Handling	<b>Lab Activity</b> (Write different program using 'w', 'a', 'r' modes )
SEPTEMBER	Types of Network, Networking Models, Networks, Topologies	Ch 10: Computer Networks-I, Ch 11: Computer Network-II	<b>Tech Talk</b> (Topics: "Topologies", "Networking", "Hardware and Networking Models")
TERM II			
OCTOBER	Stack and Queue, Table Creation, Delete alter and update	 Ch 10: Data Structure II - Stack and Queue, Ch 11 : MySQL Revision Tour	 <b>"Presentation using MYSQL"</b> (Create database of any company and outlate using MYSQL having various fields)
NOVEMBER	DDL, DML commands, Connectivity between front end and backend	Ch 12: More on SQL, Ch 13: Interface python with MYSQL	 <b>"Flash card Activity"</b>
DECEMBER		Term I topics	<b>"Project Introduction and Functionality"</b>
JANUARY		Term 2 Topics	<b>"Final Project"</b>

<b>FEBRUARY</b>	Revision	Term 1 and Term 2	<b>Classroom Presentation</b>