

CHINMAYA VIDYALAYA / B S CITY
(CBSE NEW GENERATION SCHOOL)
DEPARTMENT OF COMPUTER SCIENCE

TEACHING PLAN FROM 01-07-2020 TO 31-07-2020

DATE/DAY	TIME	BML DAS	SUDHA BALA	SNEHA PANDEY
01.07.2020 (WEDNESDAY)	8:00AM-9:00AM	11D Data Handling in Python-Numeric Literals		
	9:10AM-10:10AM	11E Data Handling in Python- Numeric Literals		11L CHAPTER:-PYTHON PROGRAMMING FUNDAMENTALS TOPIC:-REVISION OF PREVIOUS CLASS ABOUT INPUT COMMAND, SOME MORE CASES TO DISCUSS WITH INPUT COMMAND BY TAKING DIFFERENT TYPES OF INPUT THROUGH DEMONSTRATING PROGRAM PRINT COMMAND
	10:30AM-11:30AM	12E Function returning multiple values	12G Python Pandas: Descriptive statistics with pandas (Continued..)	12D CHAPTER:- USER DEFINED FUNCTIONS TOPIC:-SCOPE OF VARIABLES,LIFETIME OF VARIABLE
02.07.2020 (THURSDAY)	8:00AM-9:00AM	11D Data Handling in Python-Boolean Literals		
	9:10AM-10:10AM	11E Data Handling in Python-Boolean Literals		11L CHAPTER:-PYTHON PROGRAMMING FUNDAMENTALS TOPIC:-PRINT COMMAND,DEMONSTRATING THE COMMAND THROUGH VARIOUS PROGRAMS
	10:30AM-11:30AM	12E Libraries & Modules basic concept	12G Python Pandas: Advanced Operations on DataFrames-pivot()	12D QUESTIONS PRACTICE

03.07.2020 (FRIDAY)	8:00AM-9:00AM	12E Libraries & Modules basic concept(Contd.)	12L Python Pandas: Descriptive statistics with pandas	
	9:10AM-10:10AM	12F Libraries & Modules basic concept(Contd.)	11G Python Programming Fundamental: Question Practice on Operators	11L CHAPTER:-PYTHON PROGRAMMING FUNDAMENTALS TOPIC:- SAMPLE PROGRAM PRACTICE USING INPUT AND PRINT
	10:30AM-11:30AM	11E Data Handling in Python-Boolean Literals		12D QUESTION PRACTICE
04.07.2020 (SATURDAY)	8:00AM-9:00AM	12E Libraries & Modules concept through Program	12L Python Pandas: Descriptive statistics with pandas (Continued..)	
	9:10AM-10:10AM	12F Libraries & Modules concept through Program	11G Python Programming Fundamental: Question Practice on Operators	11L CHAPTER:-OPERATORS AND EXPRESSION
	10:30AM-11:30AM	11E Data Handling in Python-String Literal		12D CHAPTER-USING PYTHON LIBRARIES TOPIC:-INTRODUCTION
06.07.2020 (MONDAY)	8:00AM-9:00AM	12F Libraries & Modules concept (Importing Modules)	12L Python Pandas: Advanced Operations on DataFrames-pivot()	
	9:10AM-10:10AM	11D Data Handling in Python-String Literal	11G Python Programming Fundamental: Expressions, Precedence of Operators, User Input	

	10:30AM-11:30AM		12G Python Pandas: Advanced Operations on DataFrames-pivot_table()	
07.07.2020 (TUESDAY)	8:00AM-9:00AM	12F Libraries & Modules concept (Importing Modules) –Contd.	12L Python Pandas: Advanced Operations on DataFrames-pivot_table()	
	9:10AM-10:10AM	11D Data Handling in Python-String Literal(Contd.)	11G Python Programming Fundamental: User-defined Functions, Indentation in Python	
	10:30AM-11:30AM		12G Python Pandas: Sorting, Creating Histogram	
08.07.2020 (WEDNESDAY)	8:00AM-9:00AM	11D Data Handling in Python-String Literal(Contd.), None Literal and Operators & Expressions Concept		
	9:10AM-10:10AM	11E Data Handling in Python-String Literal(Contd.), None Literal		11L CHAPTER:-OPERATORS AND EXPRESSION
	10:30AM-11:30AM	12E Libraries & Modules concept (Importing Modules) –Contd.	12G Python Pandas: Function application	12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-MODULE IN PYTHON
09.07.2020 (THURSDAY)	8:00AM-9:00AM	11D Operators & Expressions Concept (Contd.)		

	9:10AM-10:10AM	11E Operators & Expressions Concept (Contd.)		11L CHAPTER:-OPERATORS AND EXPRESSION
	10:30AM-11:30AM	12E Libraries & Modules concept - Package	12G Python Pandas: Reindexing and Altering Labels	12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-MODULE IN PYTHON
10.07.2020 (FRIDAY)	8:00AM-9:00AM	12E Libraries & Modules concept - Package	12L Python Pandas: Sorting, Creating Histogram	
	9:10AM-10:10AM	12F Libraries & Modules concept - Package	11G Python Programming Fundamental: Rules and Conventions for writing Python Programs.	11L CHAPTER:-OPERATORS AND EXPRESSION
	10:30AM-11:30AM	11E Operators & Expressions Concept (Contd.)		12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-IMPORTING PYTHON MODULES
11.07.2020 (SATURDAY)	8:00AM-9:00AM	12E Package concept	12L Python Pandas: Function application	
	9:10AM-10:10AM	12F Recursion	11G Python Programming Fundamental: Question Practice	11L CHAPTER:-OPERATORS AND EXPRESSION QUESTION PRACTICE
	10:30AM-11:30AM	11E Operators & Expressions Concept (Contd.)		12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-IMPORTING PYTHON MODULES
13.07.2020 (MONDAY)	8:00AM-9:00AM	12F Recursion(Contd.)	12L Python Pandas: Reindexing and Altering Labels	

	9:10AM-10:10AM	11D Operators & Expressions Concept (Contd.)	11G Python Programming Fundamental: Question Practice	
	10:30AM-11:30AM		12G Python Pandas: Question Practice	
14.07.2020 (TUESDAY)	8:00AM-9:00AM	12F Recursion (Program Practice)	12L Python Pandas: Question Practice	
	9:10AM-10:10AM	11D Operators & Expressions Concept (Contd.)	11G Conditional and Looping Constructs: Introduction, Flowchart	
	10:30AM-11:30AM		12G Data Visualisation Using Pyplot: Introduction to Matplotlib, Types of Visualisation, Basic Visualisation Rules	
15.07.2020 (WEDNESDAY)	8:00AM-9:00AM	11D Operators & Expressions Concept (Contd. With problem practice)		
	9:10AM-10:10AM	11E Operators & Expressions (Contd. With problem practice)		11L CHAPTER:-OPERATORS AND EXPRESSION QUESTION PRACTICE
	10:30AM-11:30AM	12E Libraries & Modules concept (Package) –Contd.	12G Data Visualisation Using Pyplot: Basic Nomenclature of a Plot, Line Plot/Chart,	12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-NAMESPACES IN PYTHON

			Markers and Line Styles.	
16.07.2020 (THURSDAY)	8:00AM-9:00AM	11D Conditional & Iterative Statements		
	9:10AM-10:10AM	11E Conditional & Iterative Statements		11L CHAPTER:- PYTHON PROGRAMMING FUNDAMENTALS TOPIC:- REVISION
	10:30AM-11:30AM	12E Recursion	12G Data Visualisation Using Pyplot: Interactive Navigation Toolbar, Multiple Plots, Multiple Views	12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-NAMESPACES IN PYTHON
17.07.2020 (FRIDAY)	8:00AM-9:00AM	12E Recursion with Binary Search	12L Data Visualisation Using Pyplot: Introduction to Matplotlib, Types of Visualisation, Basic Visualisation Rules	
	9:10AM-10:10AM	12F Recursion with Binary Search	11G Conditional and Looping Constructs: Flowchart (Continued..)	11L CHAPTER:- PYTHON PROGRAMMING FUNDAMENTALS TOPIC:- REVISION
	10:30AM-11:30AM	11E Conditional & Iterative Statements (Contd.)		12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-NAME RESOLUTION
18.07.2020 (SATURDAY)	8:00AM-9:00AM	12E Recursion with Problem practice	12L Data Visualisation Using Pyplot: Basic Nomenclature of a Plot, Line	

			Plot/Chart, Markers and Line Styles.	
	9:10AM-10:10AM	12F Recursion with Problem Practice	11G Conditional and Looping Constructs: Types of Statements in Python	11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- INTRODUCTION
	10:30AM-11:30AM	11E Conditional & Iterative Statements (Contd.)		12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:-NAME RESOLUTION
20.07.2020 (MONDAY)	8:00AM-9:00AM	12F Recursion with Problem Practice(Contd.)	12L Data Visualisation Using Pyplot: Interactive Navigation Toolbar, Multiple Plots, Multiple Views	
	9:10AM-10:10AM	11D Conditional & Iterative Statements	11G Conditional and Looping Constructs: Program Control Flow	
	10:30AM-11:30AM		12G Data Visualisation Using Pyplot: Changing Line Colours and Styles, Scatter Chart	
21.07.2020 (TUESDAY)	8:00AM-9:00AM	12F Recursion with Problem Practice(Contd.)	12L Data Visualisation Using Pyplot: Changing Line Colours and Styles, Scatter Chart	

	9:10AM-10:10AM	11D Conditional & Iterative Statements	11G Conditional and Looping Constructs: Decision Making- if, if-else statement	
	10:30AM-11:30AM		12G Data Visualisation Using Pyplot: Bar Plot/Chart, Histograms,	
22.07.2020 (WEDNESDAY)	8:00AM-9:00AM	11D Conditional & Iterative Statements(Contd.)		
	9:10AM-10:10AM	11E Conditional & Iterative Statements(Contd.)		11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- FLOWCHARTS,PROGRAM CONTROL FLOW
	10:30AM-11:30AM	12E Recursion with Problem Practice(Contd.)	12G Data Visualisation Using Pyplot: Saving Plots to File, Frequency Polygons	12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:- MODULES AND MEMBER ALIASING
23.07.2020 (THURSDAY)	8:00AM-9:00AM	11D Conditional & Iterative Statements(Contd. With problem practice)		
	9:10AM-10:10AM	11E Conditional & Iterative Statements(Contd. With problem practice)		11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- DECISION MAKING
	10:30AM-11:30AM	12E	12G	12D

		Recursion with Problem Practice(Contd.)	Data Visualisation Using Pyplot: Box Plot	CHAPTER:-USING PYTHON LIBRARIES TOPIC:- MODULES AND MEMBER ALIASING
24.07.2020 (FRIDAY)	8:00AM-9:00AM	12E File Handling	12L Data Visualisation Using Pyplot: Bar Plot/Chart, Histograms,	
	9:10AM-10:10AM	12F File Handling	11G Conditional and Looping Constructs: Decision Making-if-elif-else statement, nested if else	11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- DECISION MAKING
	10:30AM-11:30AM	11E Conditional & Iterative Statements(Contd. With problem practice)		12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:- PACKAGE LIBRARY
25.07.2020 (SATURDAY)	8:00AM-9:00AM	12E File Handling(Contd.)	12L Data Visualisation Using Pyplot: Saving Plots to File, Frequency Polygons	
	9:10AM-10:10AM	12F File Handling(Contd.)	11G Conditional and Looping Constructs: Decision Making-Question Practice	11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- DECISION MAKING
	10:30AM-11:30AM	11E Conditional & Iterative Statements(Contd. With problem practice)		12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:- LOCATING MODULES
27.07.2020 (MONDAY)	8:00AM-9:00AM	12F File Handling(Contd.)	12L Data Visualisation Using Pyplot: Box Plot	

	9:10AM-10:10AM	11D Text Handling	11G Conditional and Looping Constructs: Decision Making- Question Practice	
	10:30AM-11:30AM		12G Data Visualisation Using Pyplot: Question Practice	
28.07.2020 (TUESDAY)	8:00AM-9:00AM	12F File Handling(Contd.)	12L Data Visualisation Using Pyplot: Question Practice	
	9:10AM-10:10AM	11D Text Handling(Contd.)	11G Conditional and Looping Constructs: Iteration/Looping Statement- Types of Loop, For loop	
	10:30AM-11:30AM		12G Data Visualisation Using Pyplot: Question Practice	
29.07.2020 (WEDNESDAY)	8:00AM-9:00AM	11D Text Handling(Contd.)		
	9:10AM-10:10AM	11E Text Handling(Contd.)		11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- DECISION MAKING
	10:30AM-11:30AM	12E File Handling(Contd.)	12G Introduction to Software Engineering: Introduction and the Need for Software Engineering	12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:- STANDARD PYTHON LIBRARIES

30.07.2020 (THURSDAY)	8:00AM- 9:00AM	11D Text Handling(Contd.)		
	9:10AM- 10:10AM	11E Text Handling(Contd.)		11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- DECISION MAKING
	10:30AM- 11:30AM	12E File Handling(Contd.)	12G Introduction to Software Engineering: Software Process and its activities.	12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:- STANDARD PYTHON LIBRARIES
31.07.2020 (FRIDAY)	8:00AM- 9:00AM	12E File Handling(Contd.)	12L Data Visualisation Using Pyplot: Question Practice	
	9:10AM- 10:10AM	12F File Handling(Contd.)	11G Conditional and Looping Constructs: Iteration/Looping Statement- For loop (range() function)	11L CHAPTER:- CONDITIONAL AND LOOPING CONSTRUCT TOPIC:- DECISION MAKING
	10:30AM- 11:30AM	11E Text Handling(Contd.)		12D CHAPTER:-USING PYTHON LIBRARIES TOPIC:- QUESTION PRACTICE