



**GANDHI SCHOOL OF
ENGINEERING, BHABANDHA, BERHAMPUR**

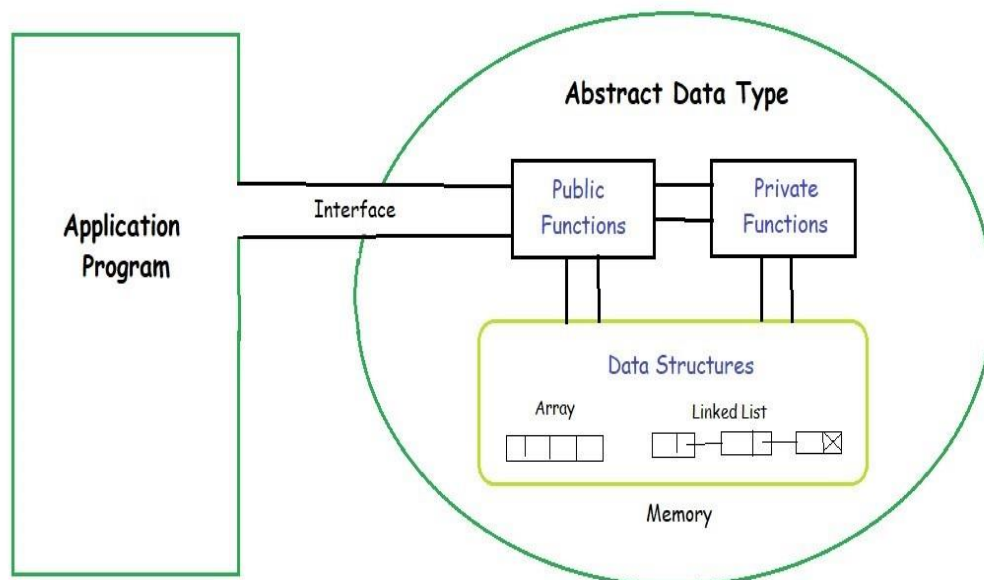
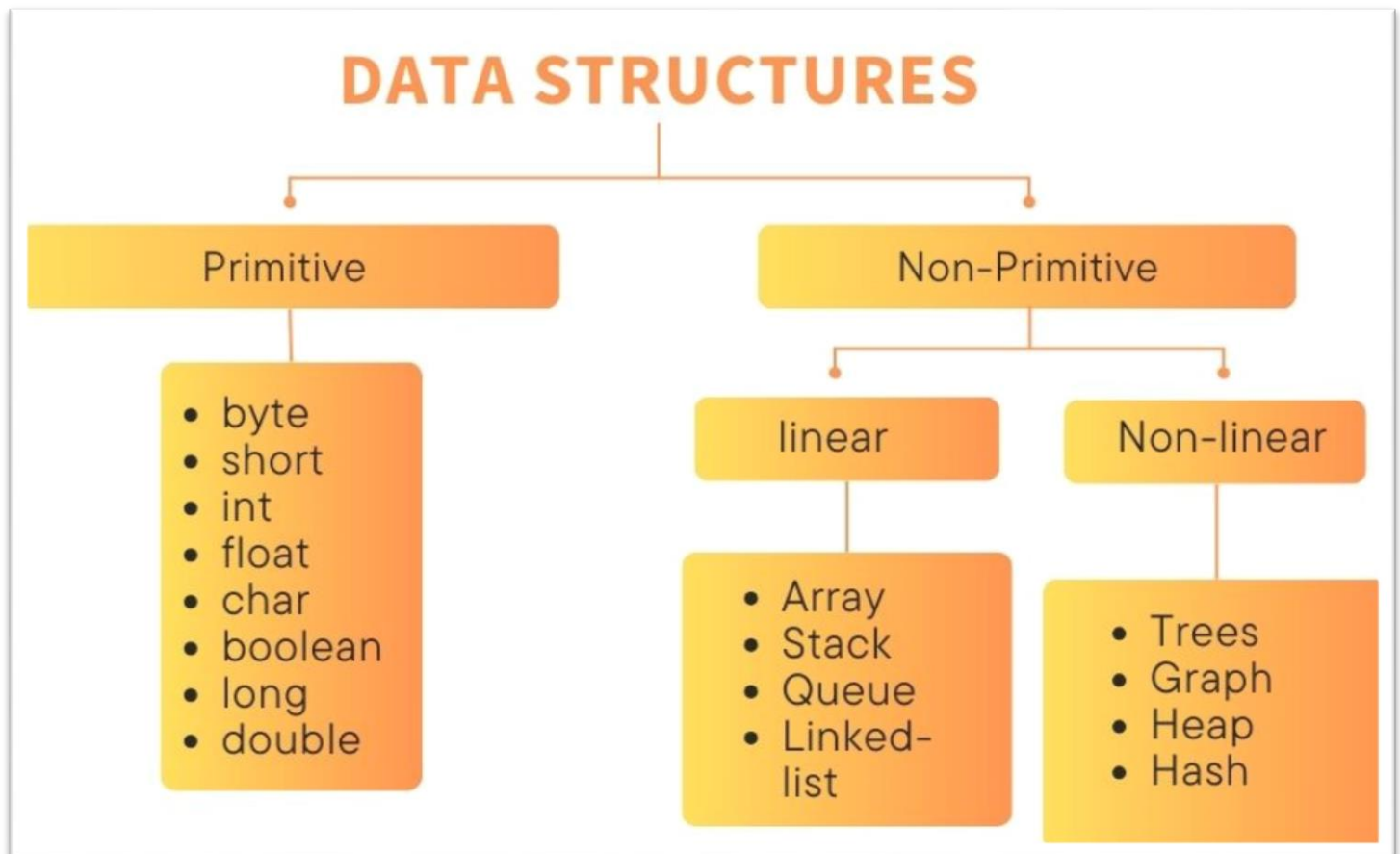
TEACHING AND LEARNING MATERIAL

**SUBJECT: DATA STRUCTURE
SEMESTER: 3RD**

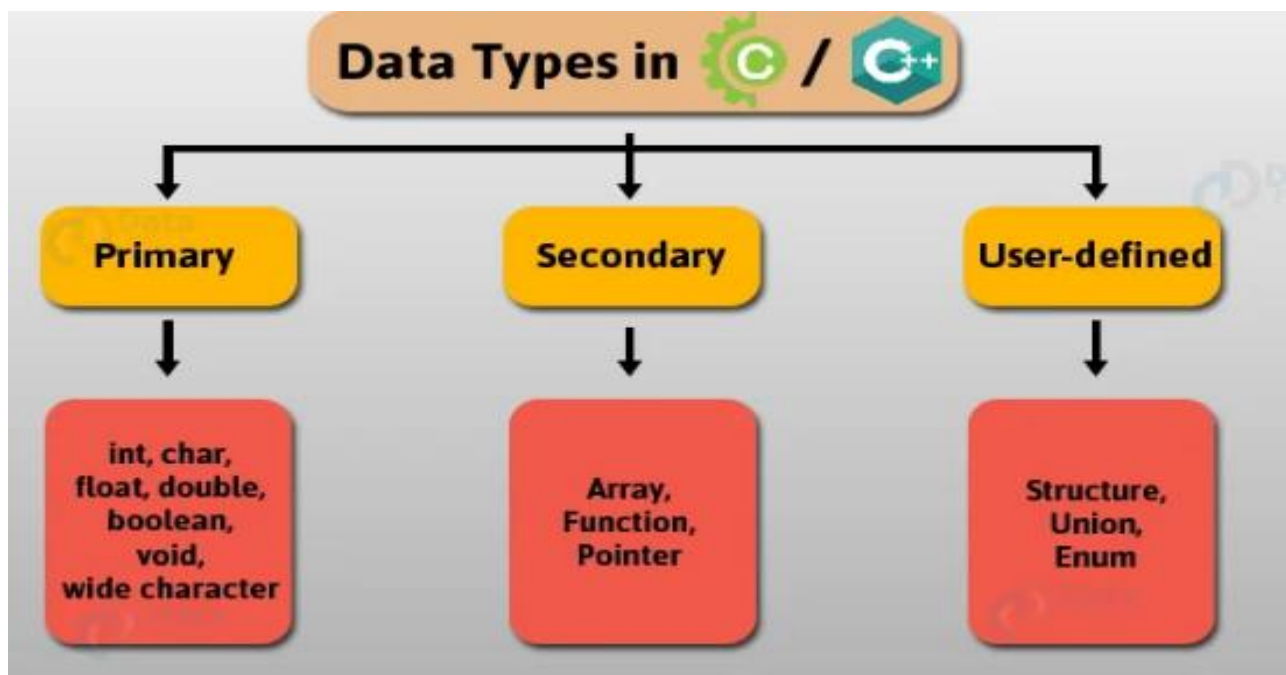
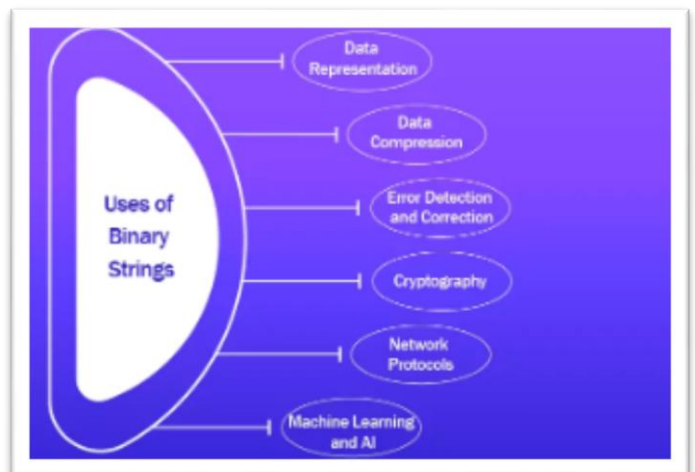
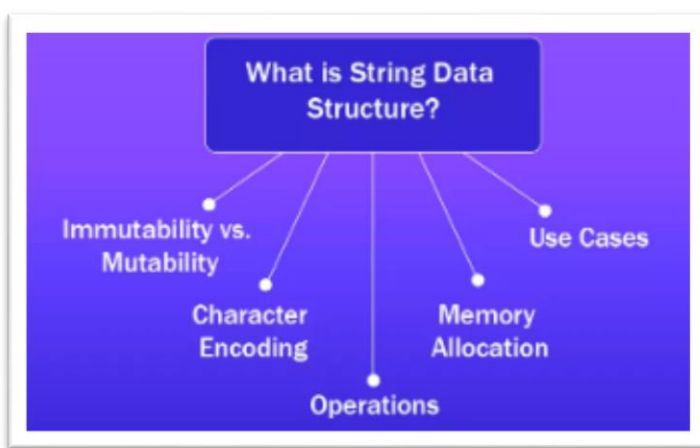
SUBMITTED BY:-ER. KABITA TRPATHY & ER.SONU SAHU

CHAPTER-1

CLASSIFICATION OF DATA STRUCTURE

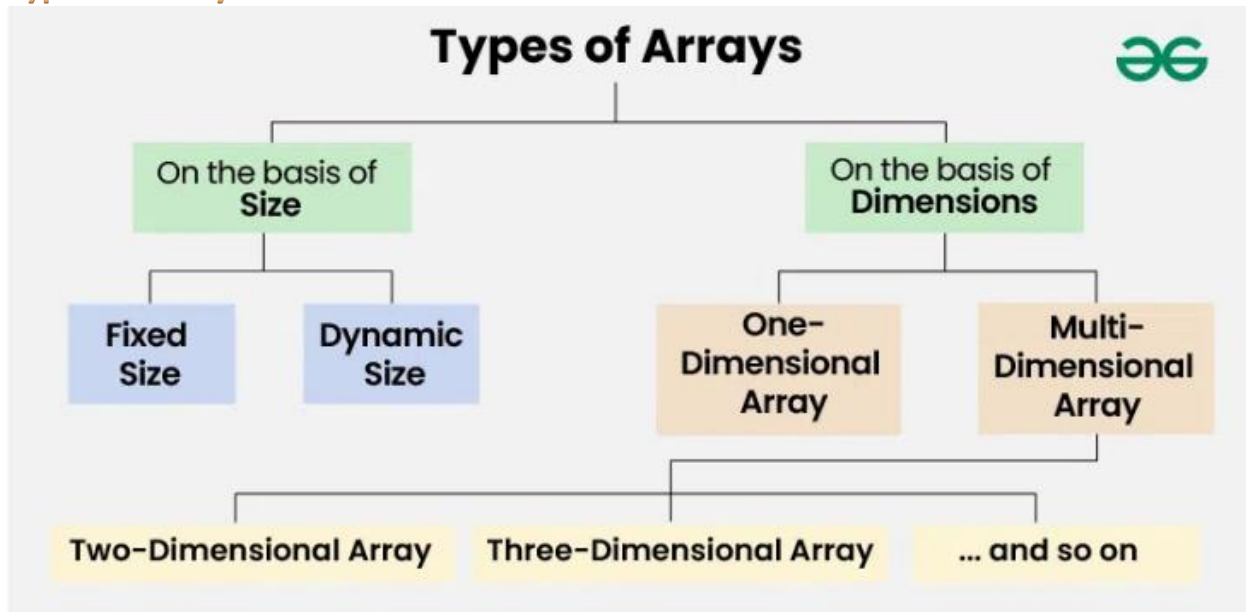


CHAPTER-2



"I am a String!"





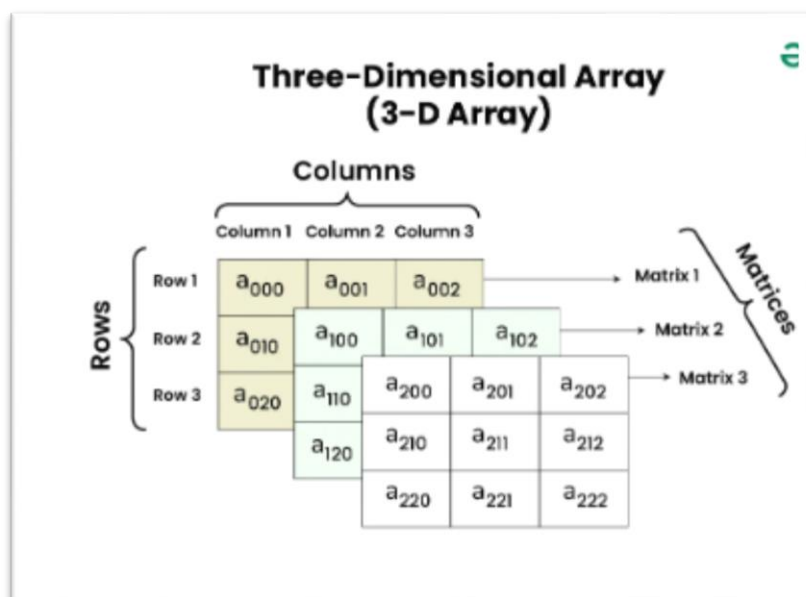
Types of Arrays on the basis of Size

One-Dimensional Array (1-D Array)



Two-Dimensional Array (2-D Array or Matrix)

		Columns →		
		0	1	2
Rows ↓	0	a_{00}	a_{01}	a_{02}
	1	a_{10}	a_{11}	a_{12}
	2	a_{20}	a_{21}	a_{22}



Stack- Insertion and Deletion

