

**Chandigarh Engineering College Landran, Mohali**  
Department of Applied Sciences

<b>Assignment No: 1</b>
<b>Subject: Programming for Problem Solving</b>
<b>Subject code: BTPS-101-18</b>
<b>Semester:1 and 2</b>

**Course Outcomes**

The student will learn

CO.1: understand basics of computer and its parts.

CO.2: formulate simple algorithms and translate the algorithms to programs (in C language).

CO.3: implement conditional branching, iteration and recursion.

CO.4: convert a problem into functions by using searching and sorting techniques on the given list.

CO.5: use arrays, pointers and structures to formulate algorithms and programs.

CO.6: apply programming to solve matrix addition and multiplication problems.

<b>Q.No</b>	<b>Question</b>	<b>Marks</b>	<b>Relevance to CO No.</b>
1	Explain the organization of computer system	4	CO.1
2	Write algorithm, pseudocode and flowchart to find smallest of three given numbers	3	CO.2
3	Explain different types of errors with example	3	CO.3
<b>Total</b>		<b>10Marks</b>	