



**Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**  
**BCA – Semester III**  
**CAUC201 – Data Structures and Algorithms**

<b>Practical Assignment – I</b>	
<b>Programs on Array</b>	
<b>1</b>	Write a program to print five elements of an array.
<b>2</b>	Write a program to accept five elements and print them.
<b>3</b>	Write a program to accept five elements and print them in reverse order.
<b>4</b>	Write a program to accept n elements and find their summation and average.
<b>5</b>	Write a program to accept n elements, print all odd elements, and count the number of odd elements.
<b>6</b>	Write a program to accept n elements and find the maximum and minimum element among them.
<b>7</b>	Write a program to accept n elements and check whether a particular element is present or not.
<b>8</b>	Write a program to find the factorial of a given number (Function with no arguments and no return value).
<b>9</b>	Write a program to find factorial of a given number (Function with arguments and no return value).
<b>10</b>	Write a program to find factorial of a given number (Function with arguments and with return value).