

<b>L. D. College of Engineering. Ahmedabad</b> <b>COMPUTER ENGINEERING</b>	
<b>Subject Code:</b> 2180711	
<b>Subject Name:</b> PYTHON PROGRAMMING	
<b>Type of course:</b> Department Elective III	
<b>Faculty Name:</b> Prof. Tushar A Champaneria	
Practical List	
1	Python Program for inputting two string and displaying them on console. Use <code>raw_input()</code> and <code>input()</code> functions to differentiate.
2	Python Program to convert binary, octal, hexadecimal numbers to decimal number and vise-versa. (Hint: use <code>int ()</code> and Use <code>bin</code> , <code>oct</code> , <code>hex</code> functions)
3	Python program to generate Fibonacci number series upto given number.
4	Python program to sort array elements using bubble sort.
5	Python program to accept two matrices and find their product (Hint: Use <code>numpy</code> package)
6	Python program to insert a substring in a string in a particular position.
7	Python program to convert a string into a key value pairs and store them into a dictionary.
8	Python program to implement multiple inheritance using two base classes.
9	Python program to override the super class method into sub class.
10	Python program to overload the multiplication operator to make it act on objects.
11	Python program to create abstract class and subclasses which implements the abstract method of the abstract class.
12	Python program to create user defined exception and raise it when it is needed.
13	Python program to plot a particular stock prices over the 10 years (Hint: use <code>pylab.plot()</code> )
14	Python program to find difference between two dates along with time. (Hint: use <code>datetime</code> package)
15	Python program to that performs two tasks using two threads simultaneously.
16	Python program to retrieve information from a HTML file using a regular expression. (Hint: use <code>re</code> and <code>urllib</code> packages)
17	Python program to create a calculator with basic operators using with Tkinter GUI.
18	Python program to create a basic chat client-server program.
19	Python program to send email to any mail address. (Hint: use <code>smtplib</code> )