

Smt. J. J. Kundalia Commerce College, Rajkot
BCA – SEM. – 5 Python Program List

<u>UNIT -1</u>	
1	Write a Python Program to print "HELLO WORD"
Using Input() Method	
2	Write a Python Program to accept name from user and display it
3	Write a python program to accept two numbers from user and display addition, subtraction division, multiplication, floor division, modular. (ALL ARITHMETIC OPERATIONS)
4	Write a python program to accept a number from user and check that number is even or odd
5	Write a python program to accept two numbers from user and display minimum number
6	Write a python program to accept three values from user and display MAXIMUM value (NESTED IF)
7	Write a python program to accept a number from user and check that number positive , negative and zero(NESTED IF)
8	Write a python program to accept percentage value from user and display grade (ladder if)
9	Write a program to input to input 4 subject marks from the user and prepare mark sheet with following rules 1. Internal mark must be entering between 0 to 30 and min mark is 12 for pass 2. Theory mark must be entering between 0 to 70 and min mark is 28 for pass Display marks, result and grade
10	Write a python program to print 1 to 10
11	Write a python program to accept number from user and check that number is prime or not
12	Write a python program to accept number from user and check that number is Palindrome or not using function
13	Write a python program to accept a number and count factorial using recursive method
14	WAP to create a pyramid using the input() from user. input: "Enter : " JJKCC OUTPUT : J J K C C J J K C J J K J J J
15	Write a python program to create module for reverse number
16	Write a python program to create module for Armstrong Number
17	W.A.P.P. to demonstrate list collections (using its all methods)
18	W.A.P.P. to demonstrate tuples collections (using its all methods)
19	W.A.P.P. to demonstrate set collections (using its all methods)
20	W.A.P.P. to demonstrate dictionary collections (using its all methods)
21	W.A.P.P. open a file TEST.TXT and read from the file and print how many vowels, constant, space and special symbol
<u>UNIT -2</u>	
22	Write A Python program to display values in sorting order using bubble sort method
23	Write A Python program to display values in sorting order using insert sort
24	Write A Python program to display values in sorting order using Quick sort
25	Write A Python program to display values in sorting order using Shell sort

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26	Write A Python program to search value using binary search method
27	Write a python program to Stack ADT
28	Write a python program to Queue ADT
29	Write a python program to display in built method for classes
30	Write a python program to create student class for accept name, age. Display its values and destroy it
31	Write a python program to multi-level inheritance
32	Write a python program to multiple Inheritance
33	Write a python program to Hybrid Inheritance
34	Write a python program to Arithmetic Operator Overload
35	Write a python program to Relation Operator Overload
36	Write a python program to Assignment Operator Overload
37	Write a python program to method overloading
38	Write a python program to method overriding
39	Write a python program to demonstrate exception handler like try ... except and else
40	Write a python program to demonstrate exception handler like assert
41	Write a python program to demonstrate exception handler like raise
42	Write a python program to demonstrate exception handler like try ... except and finally
43	Write a python program to demonstrate exception handler like valueerror and zerodivisionerror
<u>UNIT -3</u>	
44	Write a Python program to display employee id numbers on X-axis and their salaries on Y-axis in the form a bar graph.
45	Write a program to display a histogram showing the number of employees in specific age groups.
46	Write a program to display a pie chart showing the percentage of employees in each department of a company
48	Write a program to create a line graph to show the profits of a company in various years.
49	Write a python program for Knapsack algorithm
50	Write a python program to display Fibonacci sequence with revisited method
<u>UNIT -4</u>	
51	Write a python code for Send Message to client
52	Write a python code for client received message from server
53	Write a python code for Send Message to UDP client
54	Write a python code for client received message from UDP server
55	Write a python for create File Client server
56	Write a python code for create a file client
57	Write a python code basic chat server
58	Write a python code basic chat client
59	write a python program to create root window or top level window
60	Write a python program to know the available font families
61	write a python code take a three Button like Red, Green and Yellow for change back color when click on it
62	Write a python code for change background when click on button. (RED, BLUE, GREEN, YELLOW, BLACK)
63	Write a python code take 4 check box and display which you selected by use.
64	Write a python code take 4 ratio box and display which you selected by use.

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65	Write a python script for student registration form like name, address,gender, contact number, city.
<u>UNIT-5</u>	
Emp table :- Empno, ename, birthdate, sal, hiredate, deptno	
66	Write a python program to display all record from emp table
67	Write a python program to insert record from emp table
68	Write a python program to delete record from emp table
69	Write a python program to update record from emp table
70	Write a python program to create database
<u>UNIT-4 AND UNIT- 5</u>	
71	Write a python script for student registration form like name, address, gender, contact number, city save all data in student table
72	Write a python code for display all records form student table in tabular format