

SHEKHAWATI INSTITUTE, SIKAR
PYTHON LAB MANNUAL
BCA III YEAR

1. Create a simple calculator to do all arithmetic operations.
2. Write a program to use control flow tools like if.
3. Write 6 subjects marks in the list if you are getting marks 500 out of 600 then you are eligible for awards.
4. Write a Python program to find all words starting with 'a' or 'e' in a given string.
5. Implement stack using list.
6. Write a program which makes use of function to display all such numbers which are divisible by 7 but are not a multiple of 5, between 1000 and 2000.
7.) Using a for loop, write a program that prints the decimal equivalents of $1/2$, $1/3$, $1/4$,
 $1/10$
8. Create new module for mathematical operations and use in
9. Write the program Opening Files for Writing and Updating
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11. Write a program with exception handling.
12. Write a program using classes
13. Write a Python program to handle a ZeroDivisionError exception when dividing a number by zero.
14. Write a program to read all content of "student.csv" and display records of only those students who scored more than 80 marks. Records stored in students is in format : Roll no, Name, Marks
15. Connect with MySQL and create address book
16. Write a python program to perform various database operations (create, insert, delete, update).
17. Write Python script to copy file contents from one file to another.
18. Write a Python program to match a string that contains only upper and lowercase letters, numbers, and underscores.
19. What is Pickling in Python with an Example?
20. The function in python to count the number of lines in "poem.txt" begins from Upper case character.