

Sambalpur University Institute of Information Technology (SUIIT)

Academic Session: Odd Semester, 2020

Lab Practical (B.TECH CSE 5th Semester)

Subject: Open-Source Lab

1. Write a Python Program to do arithmetical operations.
2. Write a Python Program to Display Fibonacci Sequence Using Recursion.
3. Write a Python Program to Find the Factorial of a Number
4. Write a Python Program to Swap two Variables.
5. Write a Python Program to Convert Kilometers to Miles.
6. Write a Python Program to Check if a Number is Positive, Negative or Zero.
7. Write a Python Program to Check if a Number is Odd or Even.
8. Write a Python Program to Check Leap Year.
9. Write a Python Program to Check Prime Number.
10. Write a Python Program to Find the Factorial of a Number.
11. Write a Python Program to Display the multiplication Table.
12. Write a Python Program to Print the Fibonacci sequence.
13. Write a Python Program to Check Armstrong Number.
14. Write a Python Program to Find LCM and HCF
15. Write a Python Program to Add Two Matrices.
16. Write a Python Program to Multiply Two Matrices.
17. Write a Python Program to find the frequency of each element in the array.
18. Write a Python Program to print the largest and smallest element in an array.
19. Write a Python Program to sort the elements of an array in ascending order and descending order.
20. Write a Python Program to read a text file and count the number of characters in that text file.