## 

**DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY**

**Course: B.Tech(CSE)  Subject: Programming for Problem Solving using Python(CSW208B)**

***Lab -3:*** *Programming constructs in python -hands-on practice*

***Learning Outcome* :**

CSW208B.1: To **impart** understanding of basic programming concepts in python language.

CSW208B.2: To enable the student to articulate given program scenario and **apply** different programming constructs.

***Blooms Taxonomy Level****: BT1, BT2*, *BT3*

1. Write a python program to swap two numbers using a third variable

2. Write a python program to swap two numbers without using third variable

3. Write a python program to read two numbers and find the sum of their cubes

4. Write a python program to read three numbers and if any two variables are equal, print that number

5. Write a python program to read three numbers and find the smallest among them

6. Write a python program to read three numbers and print them in ascending order (without using sort function)

7. Write a python program to read radius of a circle and print the area

8. Write a python program to read a number ,if it is an even number , print the square of that number and if it is odd number print cube of that number.

**Ref: https://www.zframez.com/tutorials/python-tutorial-and-exercises-p1.html**