

Question Bank-2

Python Programming and Applications

1	Write a Python program to implement class and object.
2	Implement operator overloading using class and object.
3	Write a python program to calculate area of the room using class.
4	Write a python program to implement inheritance.
5	Write a program with class employee that keeps a track of the number of employees in an organization and also stores their name, designation and salary details.
6	Write a python program to implement polymorphism.
7	Write a python program to implement operator overloading
8	Write a python program to implement multilevel inheritance.
9	Write a python program to calculate sum, sqrt, transpose of an array using numpy library.
10	Write a python program to implement binary search using numpy library files.
11	Write a program to implement inheritance for the classes employee, part time employee and full time employee.
12	Implement python program to line chart program using matplotlib in python.
13	Implement python program to plot pie chart using matplotlib in python for the given data set. cars = ['AUDI', 'BMW', 'FORD', 'TESLA', 'JAGUAR', 'MERCEDES'] data = [23, 17, 35, 29, 12, 41]
14	Implement bar chart using matplotlib to represent number of students enrolled for different courses.
15	Write a menu driven program that keeps record of books and journals in library using python
16	Write a python program to sort a n numbers using numpy library.
17	Write a python program to calculate Electricity Bill using pandas.
18	Write a python program to calculate Employee payroll using pandas.
19	Write a python program to use multiple objects for the same class.