

Lab-6

Topic: constructors

- i. Implement a class Employee having data members name, employee_id, salary . Include default, parameterized and copy constructor with the above class. This class has also a member function show() which is used to display all information about an employee. Write the necessary C++ code to test the functionality of the class.
- ii. Write a program to find area of Circle, Triangle and Rectangle using **constructor overloading** concept.
- iii. WAP to **add and subtract** two times (hours, minutes & seconds) using constructors and display the result.
- iv. WAP to count number of objects created from a class using concept of constructors, static data members and static member function.
- v. Create a class which stores a string and its length as data members. Include constructors (default and parameterized) which allot memory for the string dynamically in the constructor by string length, using new keyword. Include a member function to join two strings and display the concatenated string.