



# DR. SUBHASH UNIVERSITY

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## 1DECO301: Programming with C++

### Practical list: 4

1. Write a C++ program that create a class – ‘Employee’ that has data members emp\_id & emp\_name and member function are getdata() [to input data] & putdata() [to output data]. Write a main function to create emp, an array of Employee objects. Accept and display the details of at least 10 employees.
2. Write a C++ program to demonstrate use of Static Member Function.
3. Write a C++ program using array of objects to compare SPI of 10 different students and print whose SPI is highest.
4. Write a C++ program to demonstrate use of passing object as an argument.
5. Write a C++ program to demonstrate use of Returning Object as argument.
6. Write a C++ program to calculate difference between Manufacture year and expiry year using pass object as function argument.
7. Write a C++ program to demonstrate use of Friend function.
8. Write a C++ program to demonstrate use of Friend class.
9. Write a C++ program to calculate addition of two numbers using Friend function.
10. Write a C++ program to demonstrate use of Default Constructor.
11. Write a C++ program to demonstrate use of Parameterized Constructor.
12. Write a C++ program to demonstrate use of copy constructor.
13. Write a C++ program to demonstrate use of Destructor.
14. Write a C++ program to print message when object gets destroyed using destructor.