

Daffodil Institute of IT (DIIT)

Department of CSE

Course Name : Object Oriented Programming

Course Code : 520203

Credit : 3.0

Course conduct by : Syeda Jannatul Naim

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Semester : 3rd

Section : C

Batch : 21st batch.

Google Class-room code : ji6zgff

Github repository : https://github.com/SyedaJannatul/DIIT_Object-Oriented-Programming

Class Start from : 3/April/2023

Lecture No.	Topics to be discuss
Lecture-1	Introduction of object oriented programming, necessity of this course.
Lecture-2	Basics of programming-(part 1) Data types,token,expression,operator,loop
Lecture-3	Basics of programming-(part 2) array,function
Lecture-4	What is OOP,necessity of OOP,difference between POP & OOP
Lecture-5	Class,object,data member,member function
Lecture-6	Private,public,protected-section within the class
Lecture-7	Array of object, return object, object as function argument
Lecture-8	Static data member,static member function
Lecture-9	Friend function
Lecture-10	NU previous year questions discussion related to chapter: 2

Lecture-11	NU previous year questions discussion related to chapter: 5
Lecture-12	NU previous year questions discussion related to chapter: 4
Lecture-13	NU previous year questions discussion related to chapter: 3 + 1
Lecture-14	Constructor,copy constructor
Lecture-15	Quiz test on the chapter - 1,2,3,4,5
Lecture-16	Dynamic constructor,destructor
Lecture-17	NU previous year questions discussion related to chapter: 6
Lecture-18	Introduction of operator overloading,overloading unary operator
Lecture-19	overloading binary operator,manipulating string using operator,type conversion
Lecture-20	NU previous year questions discussion related to chapter: 7
Lecture-21	Introduction of inheritance,different types inheritance
Lecture-22	Virtual base class,abstract classes,constructor in derived classes
Lecture-23	NU previous year questions discussion related to chapter: 8
Lecture-24	Pointers,pointers to object,this pointer,pointers to derived classes
Lecture-25	Virtual function,Pure virtual function,virtual constructor and destructor
Lecture-26	NU previous year questions discussion related to chapter: 9
Lecture-27	Quiz test on chapter : 6,7,8,9