

Object Oriented Programming

Video Lecture Links

Topic	Link
C++ Object Oriented Programming Introducing Classes, Objects	https://www.youtube.com/watch?v=xnh7ip5gpzc&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq
Class Properties, Methods, Members	https://www.youtube.com/watch?v=qnCRKjPTnHM&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=2
Creating Objects from a Class in Different Ways	https://www.youtube.com/watch?v=BsYvWqDihGU&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=3
Scope Resolution Operator	https://www.youtube.com/watch?v=59fy7la7yEI&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=4
Private Access Specifier	https://www.youtube.com/watch?v=6QHkXmLhY-g&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=5
Class Constructors	https://www.youtube.com/watch?v=CyTsm0sUgi4&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=6

Overloading Class Constructors	https://www.youtube.com/watch?v=bk11sI0KoWk&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=7
Default Class Constructor Parameters	https://www.youtube.com/watch?v=0Gcy49Gin_k&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=8
Destructors in a Class	https://www.youtube.com/watch?v=Egm6DiHTC4&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=9
Destructors to Release Resources with example	https://www.youtube.com/watch?v=ZvWUHWvueQk&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=10
Static Variables and Members in Class	https://www.youtube.com/watch?v=-WRllQLW8RE&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=11
Static Methods in Classes	https://www.youtube.com/watch?v=u-IQOQvzBuY&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=12
Inheritance, Polymorphism	https://www.youtube.com/watch?v=zsqrhxp-Fo&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=14
Protected Access Modifier in Classes	https://www.youtube.com/watch?v=nW0hf2-jaIM&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=15
Access Control and Inheritance	https://www.youtube.com/watch?v=XRlo8aOUvyU&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=16
Changing Access Level of Base Class	https://www.youtube.com/watch?v=USHIgMBJ190&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=20

Members in Derived Class	
Order of Execution of Constructors and Destructors	https://www.youtube.com/watch?v=fCK7sLu0G0Y&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=21
Multiple Inheritance	https://www.youtube.com/watch?v=JZwBW0nYzsk&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=22
Overriding Base Class Methods in Derived Class	https://www.youtube.com/watch?v=k3hrXKksbVM&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=24
Accessing the Overridden Methods	https://www.youtube.com/watch?v=E9Dn-Y4VIQE&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=25
this Keyword	https://www.youtube.com/watch?v=uVsoUyDO8Ow&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=26
Polymorphism and Virtual Functions	https://www.youtube.com/watch?v=R5qd8X64szs&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=28
Virtual Function, Inherited Attributes, Hierarchical Nature	https://www.youtube.com/watch?v=NWIMUcq18vQ&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=29
Pure Virtual Functions, Abstract Classes	https://www.youtube.com/watch?v=FA5bvYW4iUc&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=30
Operator Overloading	https://www.youtube.com/watch?v=tFYRTWFXSgY&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=34

Introduction Plus + Operator	
Introduction to Exception Handling try, catch and throw	https://www.youtube.com/watch?v=P_Kx0i7yXhU&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=43
Generic Programming in C++ and Templates	https://www.youtube.com/watch?v=zagx5hdXBLw&list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq&index=75