**PDF – 1st..**

1. Method(non-parameterised , parameterised)

* Method Signature(Syntax)
* Creating Methods
* Method Access
* Method Parameters Vs. Arguments
* Call By Value and Call By Reference
* Overloading Methods
* Methods with Varargs

1. Constructors(default, parameterised)

* Constructor Overloading.

**Program Practised --**

*Links to each program repl.it repo ---*

[Method&Constructors - Replit](https://replit.com/@princekhg/MethodandConstructors)

[Static&Constructor - Replit](https://replit.com/@princekhg/StaticandConstructor)

PDF – 2nd ...

1. OOP’S Concept(Inheritance,Polymorphism,Abstraction,Encapsulation)
2. Data Binding
3. Access Specifier(public, protected, private, default)
4. Inheritance

* Single
* Multilevel
* Multiple(using interface)
* Hierarchical

1. Relationship(Is-a, Has-a)
2. Polymorphism

* Compile Time(Overloading)
* Rum-time(Overriding)

1. Data Types(Primitive, Reference)

***Program Practised –***

[SingleInherit - Replit](https://replit.com/@princekhg/SingleInherit#Main.java)

[Overriding - Replit](https://replit.com/@princekhg/Overriding#Main.java)

PDF 3rd .....

1. Operators

* Logical Operators
* Arithmetic Operators
* Bitwise Operators
* Logical Operators
* Assignment Operators

1. Precedence Of Operators
2. instanceOf Operator
3. String

* StringBuffer
* StringBuilder

1. Methods used in String and String Buffer classes.

* Capacity()
* charAt()
* equals()
* equalsIgnoreCase()
* length()
* append()
* indexOf()
* insert()
* replace()
* toString()

1. Formatted Strings

* System.out.printf()
* String.format()

***Program Practised –***

[StringHandling - Replit](https://replit.com/@princekhg/StringHandling#Main.java)

[VariableArguments - Replit](https://replit.com/@princekhg/VariableArguments#Main.java)

PDF 4th ....

1. Variables

* Local Variables
* Instance Variables
* Class/Static Variables

1. Encapsulation

* Getter() and Setter() Methods

1. Classes & Objects

* Supports 3 OOP’s Concept

1. Access Specifiers(Contd.)
2. Non-Access Specifier

* static
* final
* abstract
* synchronized

**Program Practised --**

[Static&Constructor - Replit](https://replit.com/@princekhg/StaticandConstructor#Main.java)