



KIET Group of Institutions, Ghaziabad

Department of Computer Applications

(An ISO – 9001: 2015 Certified & 'A' Grade accredited Institution by NAAC)

Object Oriented Programming Lab

KCA 202 : Session 2020-21

ABSTRACTION

```
package Abstract;
abstract class Shopkeeper {
    abstract void sell() ;
    public void display()
    {
        System.out.println("this is shopkeeper class");
    }
}
class Retail extends Shopkeeper {
    void sell()
    {
        System.out.println("Shopkeeper si selling");
    }
}

public class AbstractDemo {
    public static void main (String []args)
    {
        Retail r = new Retail();
        r.display();
        r.sell();
    }
}
```

INTERFACE

```
package Interface;
interface Values
{
    final int a = 10;
    final int b = 20;
    void display();
}
class Addition implements Values {
```



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```
int c = a+b ;
public void display()
{
    System.out.println("Addition is :" +c);
}

public class InterfaceDemo {
    public static void main (String []args)
    {
        Addition add = new Addition();
        add.display();
    }
}
```

MULTIPLEINHERITANCE

```
package MultipleInheritance;
interface Car
{
    public void display();
}
interface Bike
{
    public void display();
}
class Vehicle implements Car,Bike
{
    public void display()
    {
        System.out.println("Show Car And Bike");
    }
}

public class MultipleInheritance {
    public static void main(String args[])
    {
        Vehicle v=new Vehicle();
    }
}
```



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```
        v.display();  
    }
```

```
}
```

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