**Assignment 1:**  
Create a program of inheritance and use the parent method into child class.

public virtual class Parent {

public void dr(){

System.debug('From Parent');

}

}

public class Child extends Parent{

public void engg(){

System.debug('From child');

}

}

Child ch=new Child();

ch.dr();

A screenshot of a computer

Description automatically generated

**Assignment 2:**  
Create a program of method overriding, where you need to override parent method into child class.  
public virtual class Parent {

public virtual void dr(){

System.debug('From Parent');

}

}

public class Child extends Parent{

public void engg(){

System.debug('From child');

}

public override void dr(){

System.debug('From child');

}

}

Child ch=new Child();

ch.dr();

Graphical user interface, text, application, Word

Description automatically generated

**Assignment 3:**  
Create a program of achieving abstraction using abstract class as well as interface.

Using Abstract Class:

public abstract class AbstDemo {

public AbstDemo(){

system.debug('From Parent');

}

public abstract void pay();

public void settle(){

}

}

public class AbstDemoImpl extends AbstDemo {

public AbstDemoImpl(){

super();

system.debug('From child');

}

public override void pay(){

}

}

AbstDemo ab=new AbstDemoImpl();

ab.pay();

A screenshot of a computer

Description automatically generated

Using Interface:

public interface MyInterface {

void mypay();

}

public class MyInterfaceDemo implements MyInterface{

public void mypay(){

System.debug('From Impl class');

}

}