Program for abstract class -:

public abstract class Customer

{

public abstract void Print();

}

class Program : Customer

{

public override void Print()

{

Console.WriteLine("This is an example of abstract class");

}

static void Main(string[] args)

{

Customer C1 = new Program();

C1.Print();

}

}

Program for inheritance -:

public class Employee

{

public string FirstName = "Abhishek";

public string LastName = "Bisht";

public virtual void PrintFullName()

{

Console.WriteLine(FirstName + " " + LastName);

}

}

public class PartTimeEmployee : Employee

{

public override void PrintFullName()

{

Console.WriteLine(FirstName + " " + LastName + " - Part Time ");

}

}

public class FullTimeEmployee : Employee

{

public override void PrintFullName()

{

Console.WriteLine(FirstName + " " + LastName + " - Full Time ");

}

}

public class TemporaryEmployee : Employee

{

public override void PrintFullName()

{

Console.WriteLine(FirstName + " " + LastName + " - Temporary Time ");

}

}

class Program

{

static void Main(string[] args)

{

Employee[] em = new Employee[4];

em[0] = new Employee();

em[1] = new PartTimeEmployee();

em[2] = new FullTimeEmployee();

em[3] = new TemporaryEmployee();

foreach (Employee e in em)

{

e.PrintFullName();

}

}

}