

```
ciass B extends A
                                                                                 System.out.printin(" A value is "+a);
      B()
                                                                             }
                                                                             class B extends A
        System.out.println("Constructor of B class");
                                                                               int b;
                                                                               void inputB()
    class C extends B
                                                                                 System.out.println("Please enter B value");
    {
      C()
                                                                                 b=s.nextInt();
        System.out.println("Constructor of C class");
                                                                               void displayAplusB()
                                                                                 System.out.println(" Addition is "+(a+b));
    public class Main
                                                                             class C extends B
          public static void main(String[] args) {
          C obj=new C();
                                                                               int c;
    }
                                                                               void inputC()
                                                                                 System.out.println("Please enter C value");
                                                                                 c=s.nextInt();
Method Overriding
                                                                               void displayAddition()
                                                                                 System.out.println(" Addition is "+(a+b+c));
    import java.util.*;
    class A
    {
                                                                             public class Main
      int a;
      Scanner s=new Scanner(System.in);
                                                                                   public static void main(String[] args) {
      void inputA()
                                                                                   C obj=new C();
                                                                                   obj.inputA();
        System.out.println("Please enter A value");
                                                                                   obj.displayA();
        a=s.nextInt();
                                                                                   obj.inputB();
      }
                                                                                   obj.displayAplusB();
      void displaySum()
                                                                                   obj.inputC();
                                                                                   obj.displayAddition();
        System.out.println(" A value is "+a);
    class B extends A
                                                                         Super Keyword
     int b;
                                                                         import java.util.*;
      void inputB()
                                                                         class A
                                                                         {
        System.out.println("Please enter B value");
                                                                           int a;
        b=s.nextInt();
                                                                           Scanner s=new Scanner(System.in);
      }
                                                                           void inputA()
      void displaySum()
                                                                             System.out.println("Please enter A value");
        System.out.println(" Addition is "+(a+b));
                                                                             a=s.nextInt();
                                                                           void display() 🚣
    public class Main
                                                                             System.out.println(" A value is "+a);
          public static void main(String[] args) {
          B obj=new B();
                                                                         }
          obj.inputA();
                                                                         clace D aytande A
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public static void main(String[] args) {
           B obj=new B();
                                                                          }
           obj.inputA();
                                                                          class B extends A
           obj.displaySum();
           obj.inputB();
                                                                            int b;
           obj.displaySum();
                                                                            void inputB(
     }
                                                                              System.out.println("Please enter B value");
                                                                              b=s.nextInt();
Super keyword for parent class Constructor
                                                                          void display()
     class A
                                                                              super.display();
                                                                              System.out.println(" Addition is "+(a+b));
       int a;
                                                                            }
       A(int x)
                                                                          public class Main
         a=x;
                                                                                public static void main(String[] args) {
       void display()
                                                                                B obj=new B();
                                                                                obj.inputA();
         System.out.println(" A value is "+a);
                                                                                obj.inputB();
                                                                                obj.display();
     class B extends A
                                                                          }
       int b;
       B(int x,int y)
                                                                            That keyword - variable
         •super(x);
                                                                              import java.util.*;
        b=y;
                                                                              class A
       void display()
                                                                                final int a=3:
                                                                                Scanner s=new Scanner(System.in);
         super.display();
                                                                                void inputA()
         System.out.println(" Addition is "+(a+b));
       }
                                                                                  System.out.println("Please enter A value");
     }
                                                                                  a=s.nextInt();
     public class Main
                                                                                void displayA()
           public static void main(String[] args) {
           B obj=new B(10,5);
                                                                                  System.out.println(" A value is "+a);
          ₱obj.display();
                                                                                }
          Keyword -> Method
                                                                              class B extends A
                                                                                int b;
                                                                                void inputB()
     import java.util.*;
     class A
                                                                                  System.out.println("Please enter B value");
                                                                                  b=s.nextInt();
       int a=3;
       Scanner s=new Scanner(System.in);
                                                                                void displayAplusB()
       void inputA()
                                                                                  System.out.println(" Addition is "+(a+b));
         System.out.println("Please enter A value");
                                                                                }
         a=s.nextInt();
                                                                              public class Main
       final void display()
                                                                                    nublic static void main(String[] args) {
```

```
}
  final void display()
    System.out.println(" A value is "+a);
class B extends A
  int b;
  void inputB()
    System.out.println("Please enter B value");
    b=s.nextInt();
  }
  void display()
    System.out.println(" Addition is "+(a+b));
}
public class Main
      public static void main(String[] args) {
      B obj=new B();
      obj.inputA();
      obj.display();
      obj.inputB();
      obj.display();
}
```

```
public class Main
          public static void main(String[] args) {
          B obj=new B();
          obj.inputA();
          obj.displayA();
          obj.inputB();
          obj.displayAplusB();
    }
import java.util.*;
class A
  int a=3;
  Scanner s=new Scanner(System.in);
  void inputA()
  {
    System.out.println("Please enter A value");
    a=s.nextInt();
  void display()
    System.out.println(" A value is "+a);
  }
final class B extends A
{
  int b;
  void inputB()
    System.out.println("Please enter B value");
    b=s.nextInt();
  }
  void display()
    System.out.println(" Addition is "+(a+b));
}
class C extends B
public class Main
      public static void main(String[] args) {
      C obj=new C();
      obj.inputA();
      obj.display();
      obj.inputB();
      obj.display();
      }
}
```