

```
package assistedinnerclass;
```

```
public class assistedinnerclass1 {
```

```
    private String msg="Welcome to Java";
```

```
    class Inner{
```

```
        void hello(){System.out.println(msg+", Let us start learning Inner Classes");}
    }
```

```
public static void main(String[] args) {
```

```
    // TODO Auto-generated method stub
```

```
    assistedinnerclass1 obj=new assistedinnerclass1();
```

```
    assistedinnerclass1.Inner in=obj.new Inner();
```

```
    in.hello();
```

```
}
```

```
}
```

```
package assistedinnerclass;
```

```
public class assistedinnerclass2 {
```

```
    private String msg="Inner Classes";
```

```
void display(){  
    class Inner{  
        void msg(){  
            System.out.println(msg);  
        }  
    }  
}
```

```
Inner l=new Inner();  
l.msg();  
}
```

```
public static void main(String[] args) {  
    // TODO Auto-generated method stub
```

```
assistedinnerclass2 ob=new assistedinnerclass2();  
ob.display();  
}  
}
```

```
//anonymousinnerclass
```

```
package assitedinnerclass;
```

```
abstract class AnonymousInnerClass {  
    public abstract void display();  
}
```

```
public class assistedinnerclass3 {
```

```
public static void main(String[] args) {  
    // TODO Auto-generated method stub
```

```
AnonymousInnerClass i = new AnonymousInnerClass() {  
  
    public void display() {  
        System.out.println("Anonymous Inner Class");  
    }  
};  
i.display();  
}
```

Output:

Welcome to Java, Let us start learning Inner Classes

Inner Classes

Anonymous Inner Class