**package** collections;

**class** demo {

**public** **void** display() {

System.***out***.println("You are inside anonymous inner class 'demo'.");

}

}

**public** **class** innerClasses {

**class** inner {

**public** **void** greet(String name) {

System.***out***.println("Hello "+name +", have a nice day!");

}

}

**public** **void** greet(String name) {

**class** inner2 {

**public** **void** showName() {

System.***out***.println("Hello "+name +", have a great day ahead!");

}

}

inner2 in = **new** inner2();

in.showName();

}

**static** demo *d* = **new** demo() {

**public** **void** display() {

**super**.display();

System.***out***.println("You are inside class 'innerClasses'.");

}

};

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

innerClasses in = **new** innerClasses();

System.***out***.println("Nested Inner Class: ");

innerClasses.inner i = in.**new** inner();

i.greet("David");

System.***out***.println("\nMethod Local Inner Class: ");

in.greet("John");

System.***out***.println("\nAnonymous Inner Class: ");

*d*.display();

}

}