PRACTICE-PROJECT7

IMPLEMENTATION OF INNER CLASSES –

**package** demo;

**public** **class** Outer\_demo {

**int** num;

// inner class

**private** **class** Inner\_Demo {

**public** **void** print() {

System.***out***.println("This is an inner class");

}

}

// Accessing he inner class from the method within

**void** display\_Inner() {

Inner\_Demo inner = **new** Inner\_Demo();

inner.print();

}

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

// Instantiating the outer class

Outer\_demo outer = **new** Outer\_demo();

outer.display\_Inner();

}

}

ANONYMOUS INNER CLASS -

**package** demo;

**abstract** **class** AnonymousInner {

**public** **abstract** **void** mymethod();

}

**class** Outer\_demo {

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

AnonymousInner inner = **new** AnonymousInner() {

**public** **void** mymethod() {

System.***out***.println("This is an example of anonymous inner class");

}

};

inner.mymethod();

}

}