**Phase 1 Practice Project – Assisted Practice**

**9 . Write a program in java to resolve the diamond problem using OOP’s concepts.**

**Source Code:**

**package** Threads;

**import** java.io.\*;

**interface** Printable

{

**public** **void** print();

}

**interface** Showable

{

**public** **void** show();

}

**public** **class** DiamondProblem **implements** Printable,Showable{

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

System.***out***.println("Print is used to print the Pictures");

}

**public** **void** show() {

System.***out***.println("ABC is a Popular Show");

}

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

DiamondProblem d = **new** DiamondProblem();

d.print();

d.show();

}

}

**Output:**

