

**Artificial Intelligence and Data Science Department.**

OOPM / Odd Sem 2021-22 / Experiment.

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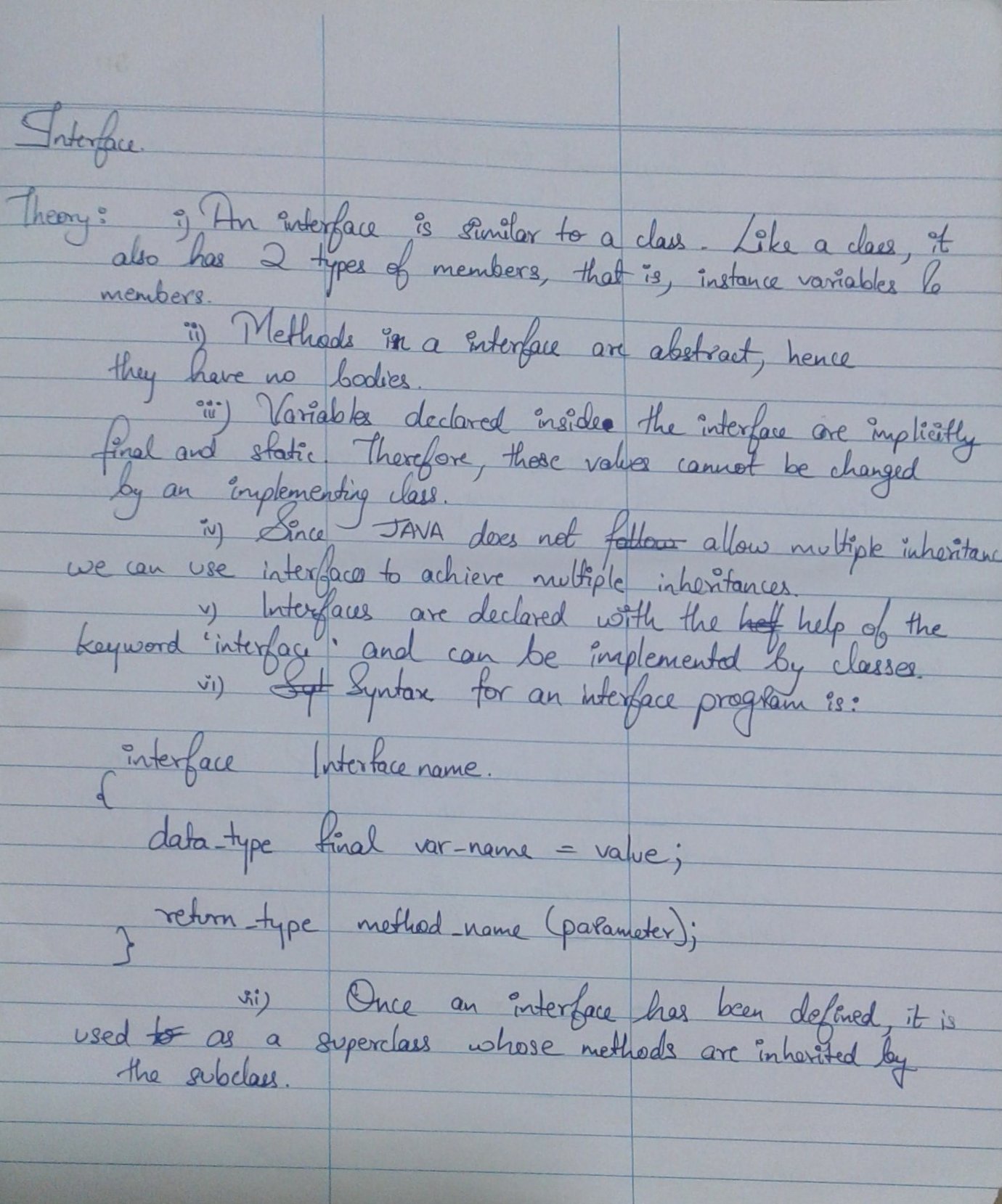
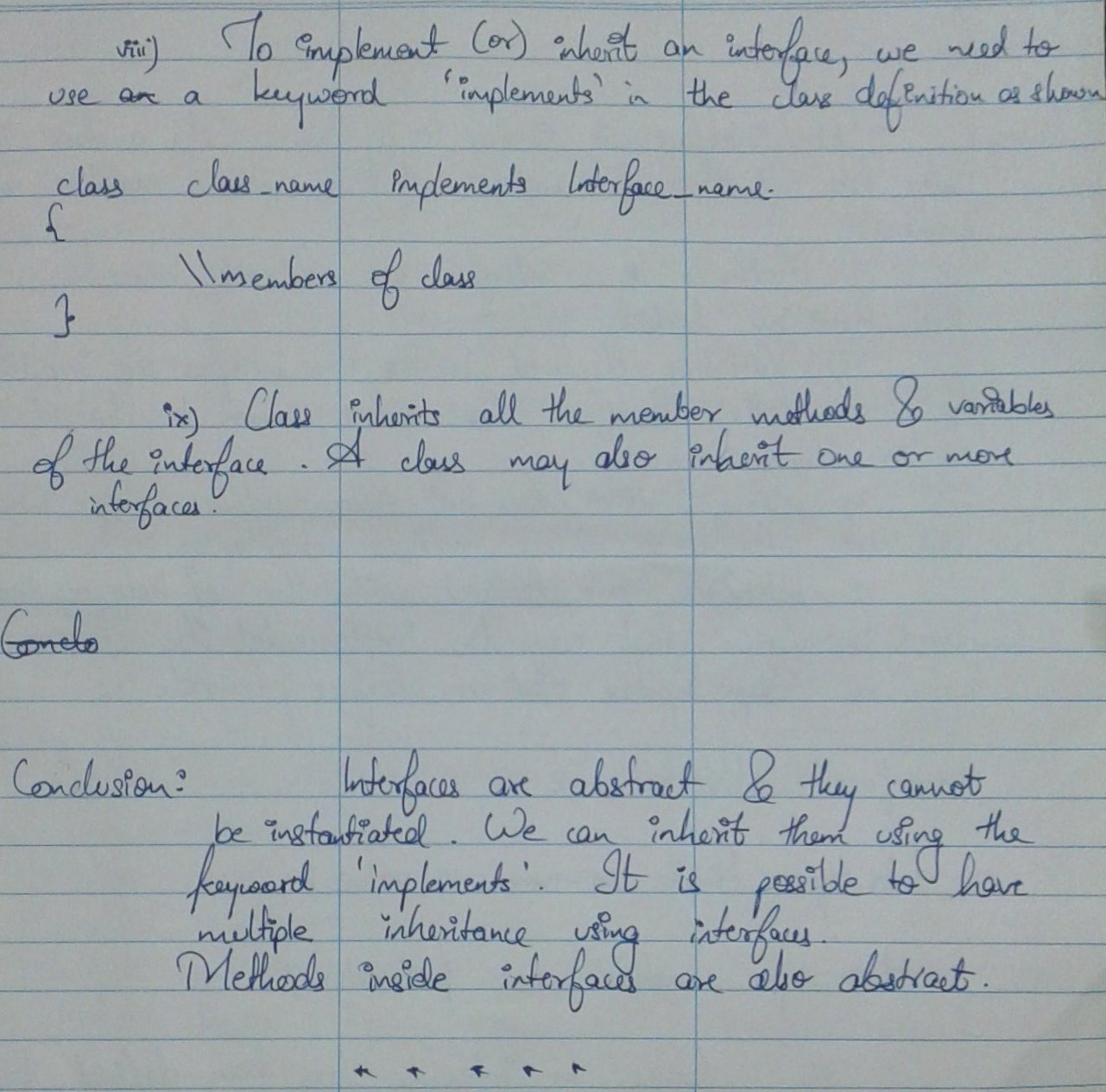
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EXPERIMENT - 7.

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**AIM:** Program to demonstrate multiple Inheritance (using Interfaces).

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**THEORY:****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Program 1:**

import java.util.\*;

interface Printable

{

void print();

}

interface Showable extends Printable

{

void show();

}

class extendedinterface implements Printable,Showable

{

public void print()

{

System.out.println("Hello");

}

public void show()

{

System.out.println("Welcome");

}

public static void main(String args[])

{

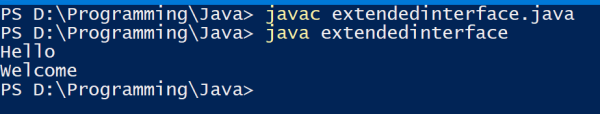
extendedinterface obj = new extendedinterface ();

obj.print(); obj.show();

}

**}**

**The output of program 1:**

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