**Program1:-**

**Write a program to implement the concept of overloading and overriding in the same program**

**class OverloadingOverriding{**

**void location(String address){**

**System.out.println("Address1 "+ address);**

**}**

**void location(String address,int pin){**

**System.out.println("Address2: "+ address+ "nd Pin:" + pin);**

**}**

**}**

**class Overloading extends OverloadingOverriding{**

**void location(String address){**

**System.out.println("Address3 "+address);**

**}**

**void location(String address, int pin){**

**System.out.println("Address4:"+address+"Pin");**

**}}**

**class Main{**

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

**OverloadingOverriding loc = new Overloading();**

**loc.location("Delhi");**

**OverloadingOverriding loc2 = new OverloadingOverriding();**

**loc2.location("Ghazibad",201009);**

**}**

**}**

**Outpu Address3 Delhi**

**Address2: Ghazibadnd Pin:201009**