Class 12

package class\_12;

import java.util.Scanner;

/\*\*

\*

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\*/

public class Class\_12 {

private String name;

public String getname(){

Scanner input = new Scanner(System.in);

System.out.print("Enter the name: ");

name = input.nextLine();

System.out.println("name = " + name);

return name;

}// get

public String getLastFi(){

int space = name.indexOf(" ");// space index algrithm

System.out.println("space = " + space );// self test

char lastInitial = name.charAt(space + 1);

System.out.println("lastInitial = " + lastInitial);//self test

String partialLast = name.substring(space + 2);// remainder of last name

System.out.println("partial Last: " + partialLast );// Self test

partialLast = partialLast.toLowerCase();

System.out.println("Partial Last: " + partialLast);// Self check

char firstInitial = name.charAt(0);

System.out.println("First Initial: " + firstInitial);

String fixed = lastInitial + partialLast + ", " + firstInitial + ".";

System.out.println("Fixed = " + fixed);

return "Fixed";

}// Last FI

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

Class\_12 ans = new Class\_12(); // default contructor used

ans.getname();

ans.getLastFi();

}// Main

}//Class

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Output:

run:

Enter the name: XIAO WANG

name = XIAO WANG

space = 4

lastInitial = W

partial Last: ANG

Partial Last: ang

First Initial: X

Fixed = Wang, X.

BUILD SUCCESSFUL (total time: 7 seconds)