**ASSIGNMENT 5**

package com.cdac;

/\*1. Design and implement a class named InstanceCounter to track and

\* count the number of instances created from this class.\*/

public class InstanceCounter {

private static int *instantcounter*=0;

InstanceCounter()

{

*instantcounter*++;

}

public static int InstanceCounter() {

return *instantcounter*;

}

public static void main(String[] args) {

InstanceCounter ic1=new InstanceCounter();

InstanceCounter ic2=new InstanceCounter();

InstanceCounter ic3=new InstanceCounter();

System.*out*.println("the counter is:" +*instantcounter*);

}

}