**JAVA LAB – {4}**

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3-MCA B

**CODE :**

public class mainclass {

public static void main(String[] args) {

product p1 = new product("Laptop sleeves", 99);

product p2 = new product("Glass Covers", 11);

product p3 = new product("Mobile stickers", 10);

product p4 = new product("Laptop stickers", 15);

p1.display();

p2.display();

product.change();

p3.display();

p4.display();

product.test mess = new product.test();

mess.display();

}

}

class product {

String category;

int quantity;

static String company = "Stickersbaba";

static int count = 0;

static String message = "This message is from nested class";

product(String category, int quantity) {

this.category = category;

this.quantity = quantity;

}

public static class test {

public void display() {

System.out.println(message);

}

}

static void change() {

System.out.println("Static Function is called. The company has been changed");

System.out.println("\n");

company = "Yuckquee";

}

static {

System.out.println("Hi! Welcome to Lab 4 Java Program. This message is from static block.");

System.out.println("\n");

}

void display() {

count = count + 1;

System.out.println("Product " + count);

System.out.println("Category: " + category);

System.out.println("Quantity: " + quantity);

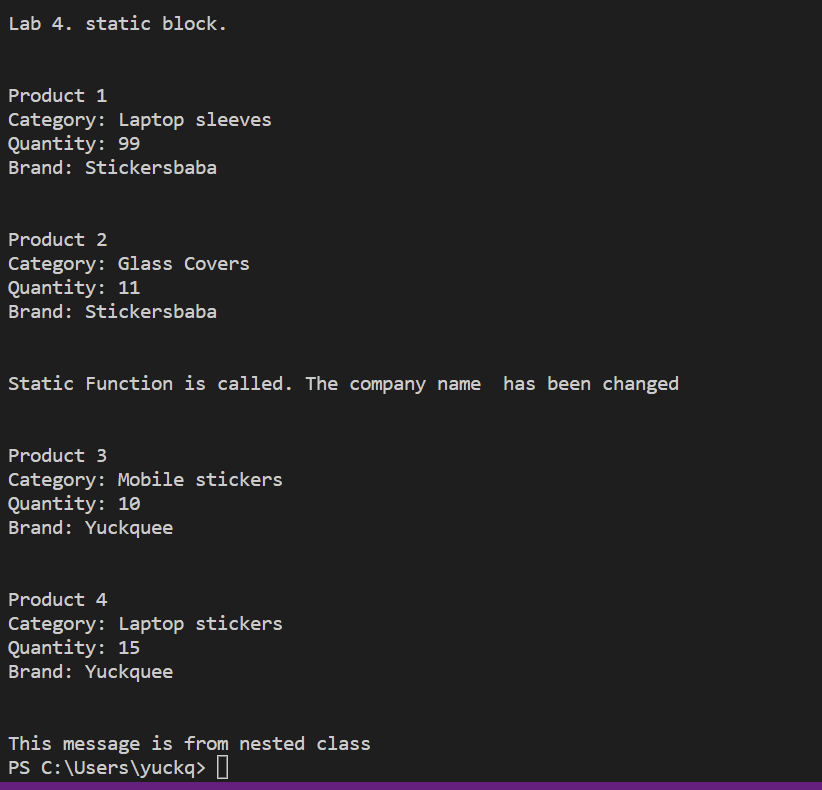
System.out.println("Brand: " + company);

System.out.println("\n");

}

}

**OUTPUT :**

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