

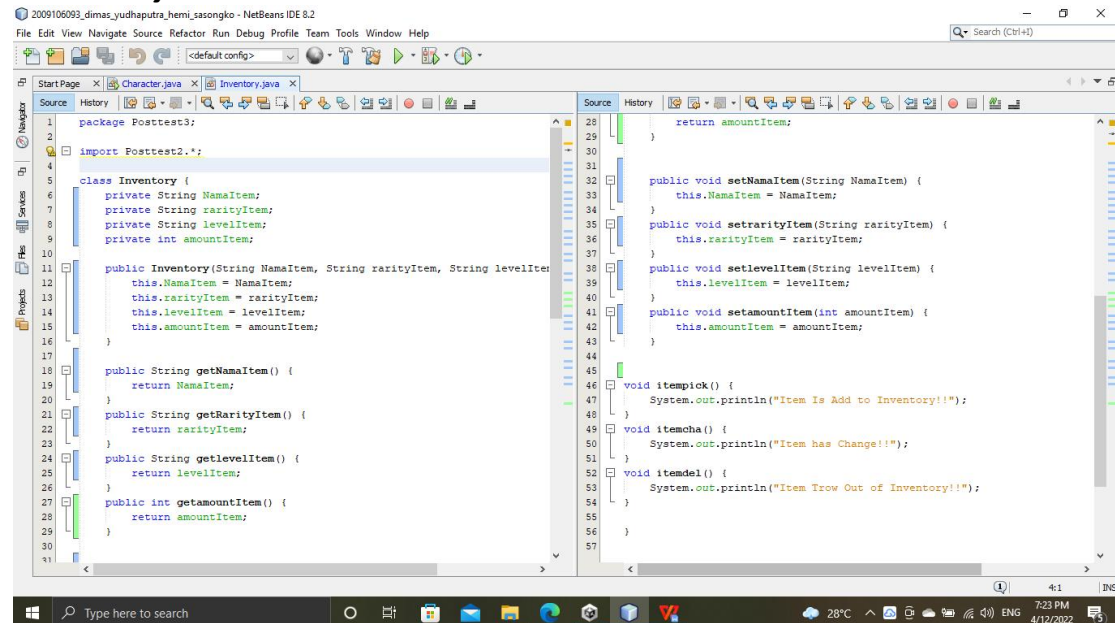
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2009106093

PBO_B2

ssProgram Posttest 3

Inventory



```
package Posttest3;

import Posttest2.*;

class Inventory {
    private String NamaItem;
    private String rarityItem;
    private String levelItem;
    private int amountItem;

    public Inventory(String NamaItem, String rarityItem, String levelItem) {
        this.NamaItem = NamaItem;
        this.rarityItem = rarityItem;
        this.levelItem = levelItem;
        this.amountItem = amountItem;
    }

    public String getNamaItem() {
        return NamaItem;
    }

    public String getRarityItem() {
        return rarityItem;
    }

    public String getLevelItem() {
        return levelItem;
    }

    public int getAmountItem() {
        return amountItem;
    }

    public void setNamaItem(String NamaItem) {
        this.NamaItem = NamaItem;
    }

    public void setRarityItem(String rarityItem) {
        this.rarityItem = rarityItem;
    }

    public void setLevelItem(String levelItem) {
        this.levelItem = levelItem;
    }

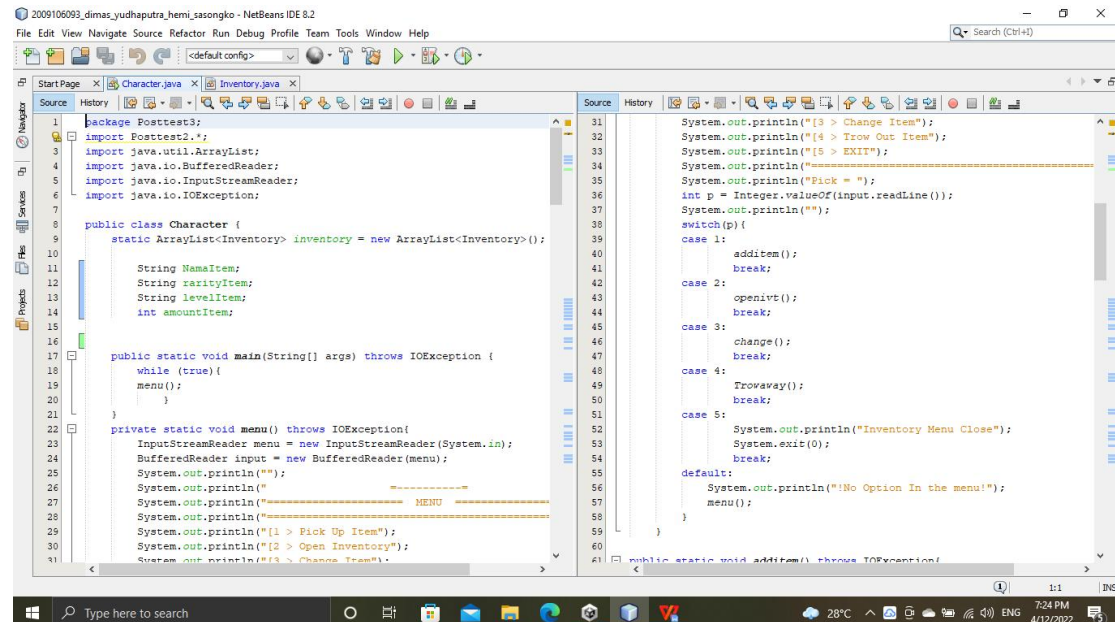
    public void setAmountItem(int amountItem) {
        this.amountItem = amountItem;
    }

    void itempick() {
        System.out.println("Item Is Add to Inventory!!!");
    }

    void itemcha() {
        System.out.println("Item has Change!!!");
    }

    void itemdel() {
        System.out.println("Item Trow Out of Inventory!!!");
    }
}
```

Character



```
package Posttest3;

import Posttest2.*;
import java.util.ArrayList;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.IOException;

public class Character {
    static ArrayList<Inventory> inventory = new ArrayList<Inventory>();

    String NamaItem;
    String rarityItem;
    String levelItem;
    int amountItem;

    public static void main(String[] args) throws IOException {
        while (true) {
            menu();
        }
    }

    private static void menu() throws IOException {
        InputStreamReader menu = new InputStreamReader(System.in);
        BufferedReader input = new BufferedReader(menu);
        System.out.println("");
        System.out.println("===== MENU =====");
        System.out.println("1 > Pick Up Item");
        System.out.println("2 > Open Inventory");
        System.out.println("3 > Change Item");
        System.out.println("4 > Trow Out Item");
        System.out.println("5 > EXIT");
        System.out.println("Pick = ");
        int p = Integer.valueOf(input.readLine());
        System.out.println("");
        switch (p) {
            case 1:
                additem();
                break;
            case 2:
                openinv();
                break;
            case 3:
                change();
                break;
            case 4:
                Trowaway();
                break;
            case 5:
                System.out.println("Inventory Menu Close");
                System.exit(0);
                break;
            default:
                System.out.println("No Option In the menu!");
                menu();
        }
    }

    public static void additem() throws IOException {
        System.out.println("3 > Change Item");
        System.out.println("4 > Trow Out Item");
        System.out.println("5 > EXIT");
        System.out.println("Pick = ");
        int p = Integer.valueOf(input.readLine());
        System.out.println("");
        switch (p) {
            case 1:
                additem();
                break;
            case 2:
                openinv();
                break;
            case 3:
                change();
                break;
            case 4:
                Trowaway();
                break;
            case 5:
                System.out.println("Inventory Menu Close");
                System.exit(0);
                break;
            default:
                System.out.println("No Option In the menu!");
                menu();
        }
    }

    public static void change() throws IOException {
        System.out.println("3 > Change Item");
        System.out.println("4 > Trow Out Item");
        System.out.println("5 > EXIT");
        System.out.println("Pick = ");
        int p = Integer.valueOf(input.readLine());
        System.out.println("");
        switch (p) {
            case 1:
                additem();
                break;
            case 2:
                openinv();
                break;
            case 3:
                change();
                break;
            case 4:
                Trowaway();
                break;
            case 5:
                System.out.println("Inventory Menu Close");
                System.exit(0);
                break;
            default:
                System.out.println("No Option In the menu!");
                menu();
        }
    }

    public static void Trowaway() throws IOException {
        System.out.println("3 > Change Item");
        System.out.println("4 > Trow Out Item");
        System.out.println("5 > EXIT");
        System.out.println("Pick = ");
        int p = Integer.valueOf(input.readLine());
        System.out.println("");
        switch (p) {
            case 1:
                additem();
                break;
            case 2:
                openinv();
                break;
            case 3:
                change();
                break;
            case 4:
                Trowaway();
                break;
            case 5:
                System.out.println("Inventory Menu Close");
                System.exit(0);
                break;
            default:
                System.out.println("No Option In the menu!");
                menu();
        }
    }
}
```

```
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Search (Ctrl+F)

Start Page Character.java Inventory.java
Source History
61 public static void addItem() throws IOException{
62
63     System.out.println("====Pick Up Item!====");
64     System.out.println("====Inventory Open====");
65     InputStreamReader pick = new InputStreamReader(System.in);
66     BufferedReader input = new BufferedReader(pick);
67
68     String NamaItem;
69     String rarityItem;
70     String levelItem;
71     int amountItem;
72
73     System.out.println("namaItem = ");
74     NamaItem = input.readLine();
75     System.out.println("rarityItem = ");
76     rarityItem = input.readLine();
77     System.out.println("Item_Amount = ");
78     amountItem = Integer.parseInt(input.readLine());
79     System.out.println("Item_Level = ");
80     levelItem = input.readLine();
81     System.out.println("====");
82
83     Inventory itempick = new Inventory(NamaItem, rarityItem, levelItem);
84     /*itempick.setNamaItem(nama_item);
85     itempick.setRarityItem(rarity_item);
86     itempick.amount_item = amount_item;
87     itempick.level_item = level_item;*/
88     inventory.add(itempick);
89     itempick.itempick();
90 }
91
92 public static void openinv() throws IOException{
93     System.out.println("====Inventory Open====");
94     System.out.println("====");
95     for(int i = 0; i < inventory.size(); i++){
96         System.out.println("Slot" + (i + 1));
97         System.out.println("-----");
98         System.out.println("Item = " + inventory.get(i).getNamaItem());
99         System.out.println("Rarity = " + inventory.get(i).getRarityItem());
100        System.out.println("Amount = " + inventory.get(i).getAmountItem());
101        System.out.println("Level = " + inventory.get(i).getLevelItem());
102        System.out.println("-----");
103    }
104 }
105
106 public static void change()throws IOException{
107     System.out.println("====Change Item====");
108     InputStreamReader change = new InputStreamReader(System.in);
109     BufferedReader input = new BufferedReader(change);
110     openinv();
111
112     int amo;
113     int u;
114     System.out.println("Item Slot = ");
115     u = Integer.parseInt(input.readLine());
116     u--;
117     System.out.println("Item_Name");
118     inventory.get(u).setNamaItem(input.readLine());
119     System.out.println("Item_Rarity");
120     inventory.get(u).setRarityItem(input.readLine());
121 }
```

```
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Start Page Character.java Inventory.java
Source History
121 inventory.get(u).setRarityItem(input.readLine());
122 System.out.println("Item_Amount");
123 amo = Integer.parseInt(input.readLine());
124 inventory.get(u).setAmountItem(amo);
125 System.out.println("Item_Level");
126 inventory.get(u).setLevelItem(input.readLine());
127 System.out.println("====");
128 inventory.get(u).itemcha();
129
130 /*inventory.get(u).setNamaItem(namaItem);
131 inventory.get(u).setRarityItem(rarityItem);
132 inventory.get(u).setAmount_item(amount_item);
133 inventory.get(u).setLevel_item(level_item);*/
134
135 }
136
137 public static void Trowaway()throws IOException{
138     System.out.println("====Trow Out Item====");
139     openinv();
140     InputStreamReader Delt = new InputStreamReader(System.in);
141     BufferedReader input = new BufferedReader(Delt);
142     System.out.println("Trow Out Item Slot = ");
143     int d;
144     d = Integer.parseInt(input.readLine());
145     d--;
146     System.out.println("-----");
147     inventory.get(d).itemdel();
148     inventory.remove(d);
149 }
150
151 }
152
153 }
154
155 }
156 }
```

Output

```
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Output - 2009106093_dimas_yudhaputra_hemi_sasongko (run)

=====
MENU
=====
[1] > Pick Up Item
[2] > Open Inventory
[3] > Change Item
[4] > Throw Out Item
[5] > EXIT

Pick =
1

=====Pick Up Item!=====
Item_Name =
Sword Of Melina
Item_Rarity =
Epic Rare
Item_Amount =
1203
Item_Level =
SS10
=====
Item Is Add to Inventory!!

=====
MENU
=====
[1] > Pick Up Item
[2] > Open Inventory
[3] > Change Item
[4] > Throw Out Item
[5] > EXIT

Pick =

2009106093_dimas_yudhaputra_hemi_sasongko (run) 75:40 INS

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Output - 2009106093_dimas_yudhaputra_hemi_sasongko (run)

SS10
=====
Item Is Add to Inventory!!

=====
MENU
=====
[1] > Pick Up Item
[2] > Open Inventory
[3] > Change Item
[4] > Throw Out Item
[5] > EXIT

Pick =
2

=====Inventory Open=====
Slot1
=====
[Item = Sword Of Melina
[Rarity = Epic Rare
[Amount = 1203
[Level = SS10
=====
MENU
=====
[1] > Pick Up Item
[2] > Open Inventory
[3] > Change Item
[4] > Throw Out Item
[5] > EXIT

Pick =

2009106093_dimas_yudhaputra_hemi_sasongko (run) 75:40 INS

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28°C 7:27 PM 4/12/2022
```

