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## Posttest 2 PBO

### 1. Tampilan Source Code dari Class Main

```
1 package MLBB;
2
3 import java.io.BufferedReader;
4 import java.io.InputStreamReader;
5 import java.io.IOException;
6
7 You, 1 minute ago | 1 author (You)
8 // Class main dari program
9 public class Main {
10 // Fungsi Main
11 Run | Debug
12 public static void main(String[] args) throws IOException {
13
14 // Input Stream Reader dan Buffered Reader
15 InputStreamReader isr = new InputStreamReader(System.in);
16 BufferedReader br = new BufferedReader(isr);
17
18 // Deklarasi objek dari class system
19 system sys = new system();
20
21 // List Menu program
22 String menu = ""
23 <=====
24 <===== Management Hero MLBB =====
25 1. Tambah Hero
26 2. Lihat Data Hero
27 3. Ubah Data Hero
28 4. Hapus Data Hero
29 5. Keluar
30 <=====>\n"";
31
32 boolean gas = true;
33
34 while (gas) {
35 System.out.print(s: "\033\143");
36 System.out.print(menu);
37 System.out.print(s: "\n\t\tMasukkan Pilihan : ");
38 int pilihan = Integer.parseInt(br.readLine());
39 switch (pilihan) {
40 case 1: System.out.print(s: "\033\143"); sys.tambah(); break;
41 case 2: sys.lihat(); br.readLine(); System.out.flush(); break;
42 case 3: sys.ubah(); br.readLine(); System.out.flush(); break;
43 case 4: sys.hapus(); br.readLine(); System.out.flush(); break;
44 case 5: System.out.println(x: "\nTerimakasih telah memakai program kami, Semoga harimu menyenangkan ! :) ");
45 gas = false; break;
46
47 default: System.out.println(x: "Pilihan salah, Silahkan coba lagi ! ");
48 br.readLine();
49 System.out.flush();
50 }
51 }
52 }
```

## 2. Tampilan Source Code dari Class System

```
1 package MLBB;
2
3 import java.util.ArrayList;
4 import java.io.BufferedReader;
5 import java.io.InputStreamReader;
6 import java.io.IOException;
7
8 You, 3 minutes ago | 1 author (You)
9 // Class sistem dari program
10 public class system {
11     // Deklarasi Array
12     ArrayList<Hero> list = new ArrayList<Hero>();
13
14     String NamaHero;
15
16     // List dari Role Hero MLBB
17     String ListRole = ""
18         \n<===== Role Hero =====>
19         1. Tank
20         2. Fighter
21         3. Assassin
22         4. Mage
23         5. Marksman
24         6. Support
25         <===== > \n"";
26
27     int PickRole;
28     String FixRole;
29
30     // List dari Specialist Hero MLBB
31     String ListSpesialist = ""
32         \n<===== Role Hero =====>
33         1. Burst            8. Initiator
34         2. Charge          9. Magic Damage
35         3. Chase           10. Mixed Damage
36         4. Control         11. Push
37         5. Crowd Control   12. Poke
38         6. Damage          13. Regen
39         7. Guard           14. Support
40         <===== > \n"";
41
42     int PickSpesialist;
43     String FixSpesialist;
44     int HargaHero;
45
46     // Input Stream Reader dan Buffered Reader
47     InputStreamReader isr = new InputStreamReader(System.in);
48     BufferedReader br = new BufferedReader(isr);
49
50     // Fungsi tambah data
51     public void tambah() throws IOException {
52         System.out.println("")
53         \n<===== >
54         <===== Input Data Hero =====>\n"";
55
56         System.out.print($: "\nMasukan Nama Hero : ");
57         NamaHero = br.readLine();
58
59         System.out.print(ListRole);
60         System.out.print($: "Masukan Indeks Dari Role Hero : ");
61         PickRole = Integer.parseInt(br.readLine());
62         switch(PickRole) {
63             case 1: FixRole = "Tank"; break;
```

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61         case 2: FixRole = "Fighter"; break;
62         case 3: FixRole = "Assasin"; break;
63         case 4: FixRole = "Mage"; break;
64         case 5: FixRole = "Marksman"; break;
65         case 6: FixRole = "Support"; break;
66
67         default: System.out.println(X: "Pilihan salah !");
68     }
69
70     System.out.print(ListSpesialist);
71     System.out.print(S: "Masukan Indeks Dari Spesialist Hero : ");
72     PickSpesialist = Integer.parseInt(br.readLine());
73     switch(PickSpesialist) {
74         case 1: FixSpesialist = "Burst"; break;
75         case 2: FixSpesialist = "Charge"; break;
76         case 3: FixSpesialist = "Chase"; break;
77         case 4: FixSpesialist = "Control"; break;
78         case 5: FixSpesialist = "Crowd Control"; break;
79         case 6: FixSpesialist = "Damage"; break;
80         case 7: FixSpesialist = "Guard"; break;
81         case 8: FixSpesialist = "Initiator"; break;
82         case 9: FixSpesialist = "Magic Damage"; break;
83         case 10: FixSpesialist = "Mixed Damage"; break;
84         case 11: FixSpesialist = "Push"; break;
85         case 12: FixSpesialist = "Poke"; break;
86         case 13: FixSpesialist = "Regen"; break;
87         case 14: FixSpesialist = "Support"; break;
88
89         default: System.out.println(X: "Pilihan salah !");
90     }
91
92     System.out.print(S: "Masukan Harga Hero : ");
93     HargaHero = Integer.parseInt(br.readLine());
94
95     Hero hero = new Hero>NamaHero, FixRole, FixSpesialist, HargaHero);
96     list.add(hero);
97
98     System.out.println("\nHero " + list.get(list.size() - 1).getNama() + " Berhasil Ditambah ! ");
99     br.readLine();
100 }
101
102 // Fungsi lihat data
103 public void lihat() throws IOException {
104
105     System.out.print(S: "\033\143");
106     if(list.size() == 0) {
107         System.out.println(X: "Tidak ada Hero disini ! ");
108     }
109     else {
110         System.out.println("""
111
112         <=====
113         <===== List Hero =====>""");
114
115         for (int i = 0; i < list.size(); i++) {
116             System.out.println("\t\t <" + (i + 1) + ">");
117             System.out.println("\t" + "Nama Hero" : " + (list.get(i)).getNama());
118             System.out.println("\t" + "Role Hero" : " + (list.get(i)).getRole());
119             System.out.println("\t" + "Spesialist Hero : " + (list.get(i)).getSpesialist());
120             System.out.println("\t" + "Harga Hero" : " + (list.get(i)).getHarga());
121             System.out.println(X: "\n");
122         }
123     }

```

```

123     }
124
125     // Fungsi ubah data
126     public void ubah() throws IOException {
127
128         int indeks;
129
130         lihat();
131         System.out.print($: "Masukan Indeks Data Hero Yang Ingin Diubah : ");
132         indeks = Integer.parseInt(br.readLine());
133
134         System.out.println("""
135             <=====
136             <===== Masukan data hero baru =====>\n""");
137
138         System.out.print($: "\nMasukan Nama Hero : ");
139         NamaHero = br.readLine();
140
141         System.out.print(ListRole);
142         System.out.print($: "Masukan Indeks Dari Role Hero : ");
143         PickRole = Integer.parseInt(br.readLine());
144         switch(PickRole) {
145             case 1: FixRole = "Tank"; break;
146             case 2: FixRole = "Fighter"; break;
147             case 3: FixRole = "Assasin"; break;
148             case 4: FixRole = "Mage"; break;
149             case 5: FixRole = "Marksman"; break;
150             case 6: FixRole = "Support"; break;
151
152             default: System.out.println(x: "Pilihan salah !");
153         }
154
155         System.out.print(ListSpesialist);
156         System.out.print($: "Masukan Indeks Dari Spesialist Hero : ");
157         PickSpesialist = Integer.parseInt(br.readLine());
158         switch(PickSpesialist) {
159             case 1: FixSpesialist = "Burst"; break;
160             case 2: FixSpesialist = "Charge"; break;
161             case 3: FixSpesialist = "Chase"; break;
162             case 4: FixSpesialist = "Control"; break;
163             case 5: FixSpesialist = "Crowd Control"; break;
164             case 6: FixSpesialist = "Damage"; break;
165             case 7: FixSpesialist = "Guard"; break;
166             case 8: FixSpesialist = "Initiator"; break;
167             case 9: FixSpesialist = "Magic Damage"; break;
168             case 10: FixSpesialist = "Mixed Damage"; break;
169             case 11: FixSpesialist = "Push"; break;
170             case 12: FixSpesialist = "Poke"; break;
171             case 13: FixSpesialist = "Regen"; break;
172             case 14: FixSpesialist = "Support"; break;
173
174             default: System.out.println(x: "Pilihan salah !");
175         }
176
177         System.out.print($: "Masukan Harga Hero : ");
178         HargaHero = Integer.parseInt(br.readLine());
179
180         Hero hero = new Hero(NamaHero, FixRole, FixSpesialist, HargaHero);
181
182         list.set(indeks - 1, hero);
183         System.out.println(x: "\nData Hero Berhasil Diubah ! ");
184     }

```

### 3. Tampilan Source Code dari Class Hero

```
1 package MLBB;
2
3 You, 7 minutes ago | 1 author (You)
4 public class Hero {
5
6     /**
7      * @return the Nama
8      */
9     public String getName() {
10         return Nama;
11     }
12
13     /**
14      * @param Nama the Nama to set
15      */
16     public void setName(String Nama) {
17         this.Nama = Nama;
18     }
19
20     /**
21      * @return the Role
22      */
23     public String getRole() {
24         return Role;
25     }
26
27     /**
28      * @param Role the Role to set
29      */
30     public void setRole(String Role) {
31         this.Role = Role;
32     }
33
34     /**
35      * @return the Spesialist
36      */
37     public String getSpesialist() {
38         return Spesialist;
39     }
40
41     /**
42      * @param Spesialist the Spesialist to set
43      */
44     public void setSpesialist(String Spesialist) {
45         this.Spesialist = Spesialist;
46     }
47
48     /**
49      * @return the Harga
50      */
51     public int getHarga() {
52         return Harga;
53     }
54
55     /**
56      * @param Harga the Harga to set
57      */
58     public void setHarga(int Harga) {
59         this.Harga = Harga;
60     }
61     private String Nama;
62     private String Role;
63     private String Spesialist;
64     private int Harga;
65
66     public Hero(String Nama, String Role, String Spesialist, int Harga) {
67         this.Nama = Nama;
68         this.Role = Role;
69         this.Spesialist = Spesialist;
70         this.Harga = Harga;
71     }
72 }
```