

[https://github.com/CloudiNshane64/KPL\\_tpmodul3.git](https://github.com/CloudiNshane64/KPL_tpmodul3.git)

```
1 namespace tpmodul3_1302204082
2 {
3     0 references
4     class Program
5     {
6         0 references
7         static void Main(string[] args)
8         {
9             KodePos table_Kodepos = new KodePos();
10            Console.WriteLine("---- GET KODE POS ----");
11            table_Kodepos.getAllkodepos();
12
13            Console.WriteLine("===== KUNCI PINTU =====");
14            DoorMachine pintu = new DoorMachine();
15            pintu.kunci();
16        }
17    }
18    2 references
19    class KodePos
20    {
21        Dictionary<string, string> dic = new Dictionary<string, string>() {
22            {"Batununggal", "40266"},
23            {"Kujangsari", "40287" },
```

```
24            {"Mengger", "40267" },
25            {"Wates", "40256" },
26            {"Cijaura", "40287"},
27            {"Jatisari", "40286" },
28            {"Margasari", "40286"},
29            {"Sekejati", "40286" },
30            {"Kebonwaru", "40272"},
31            {"Maleer", "40274"},
32            {"Samoja", "40273" } };
33
34    0 references
35    public void getKodepos(string kel)
36    {
37        if (dic.ContainsKey(kel))
38        {
39            Console.WriteLine(kel + " : " + dic[kel]);
40        }
41        else
42        {
43            Console.WriteLine(kel + " tidak ditemukan");
44        }
45    }
46 }
```

```

43 1 reference
44 public void getAllkodepos()
45 {
46     foreach (KeyValuePair<string, string> ele1 in dic)
47     {
48         Console.WriteLine("{0} \t\t {1}", ele1.Key, ele1.Value);
49     }
50 }
51
52 2 references
53 class DoorMachine
54 {
55     7 references
56     enum State { Terkunci, Terbuka };
57     1 reference
58     public void kunci()
59     {
60         State state = State.Terkunci;
61         String[] screenName = { "Terkunci", "Terbuka" };
62         do
63         {

```

```

62         Console.WriteLine("Pintu " + screenName[(int)state]);
63         Console.Write("Enter Command : ");
64         String command = Console.ReadLine();
65         switch (state)
66         {
67             case State.Terkunci:
68                 if (command == "Buka Pintu")
69                 {
70                     state = State.Terbuka;
71                 }
72                 break;
73             case State.Terbuka:
74                 if (command == "Kunci Pintu")
75                 {
76                     state = State.Terkunci;
77                 }
78                 break;
79         }
80     } while (state != State.Terkunci);
81 }
82 }
83 }

```

Microsoft Visual Studio Debug Console

---- GET KODE POS ----

Batununggal	40266
Kujangsari	40287
Mengger	40267
Wates	40256
Cijaura	40287
Jatisari	40286
Margasari	40286
Sekejati	40286
Kebonwaru	40272
Maleer	40274
Samoja	40273

===== KUNCI PINTU =====

Pintu Terkunci

Enter Command : Buka Pintu

Pintu Terbuka

Enter Command : Kunci Pintu

F:\C#\tpmodul3\_1302204082\tpmodul3\_1302204082\bin\Debug\net6.0\tpmodul3\_1302204082.exe (process 23712) exited with code 0.

To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

Press any key to close this window . . .