

LAPORAN PRAKTIKUM
ALGORITMA DAN PEMROGRAMAN DASAR
POSTTEST 5



Informatika C2'24
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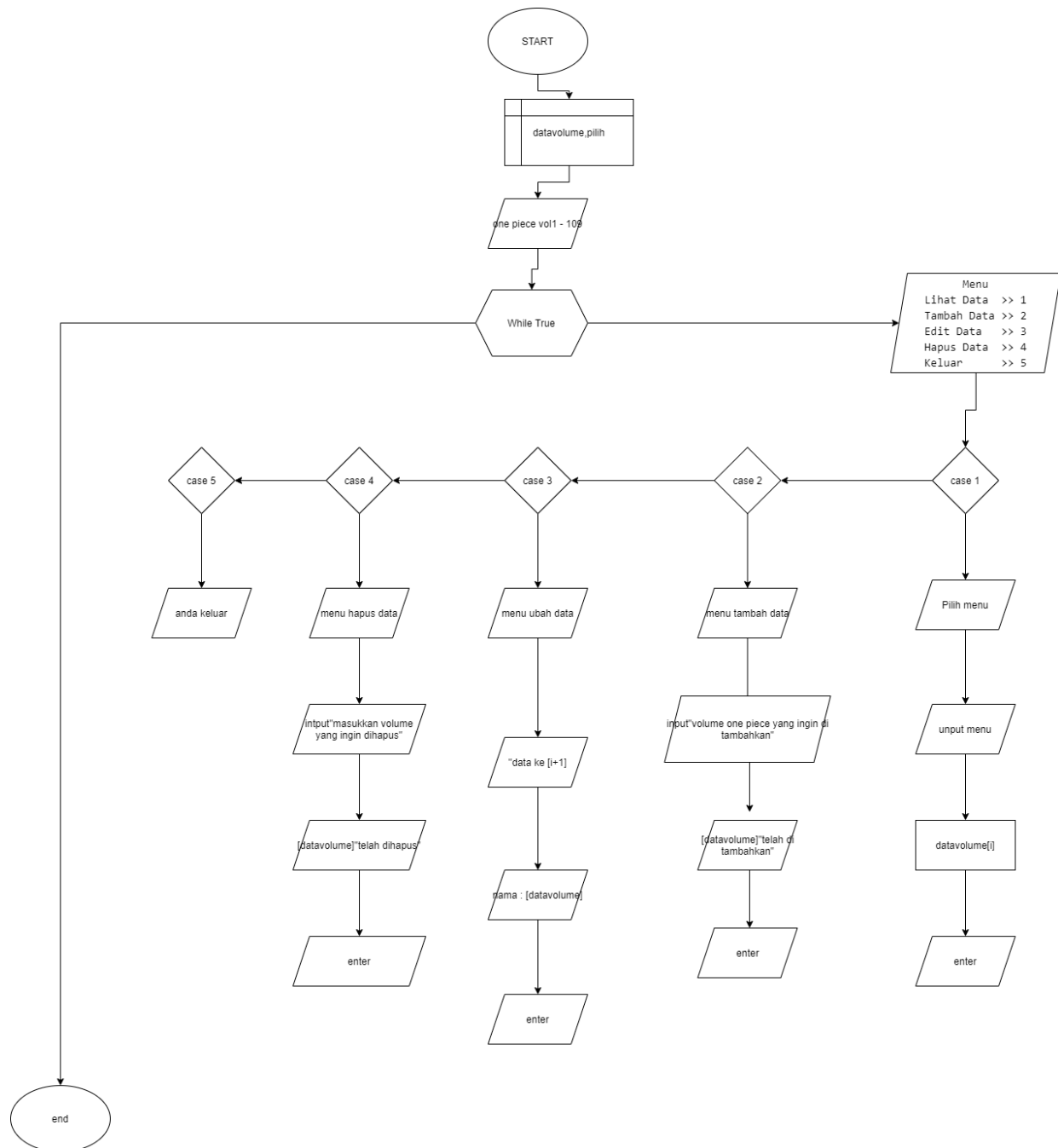
PROGRAM STUDI INFORMATIKA
UNIVERSITAS MULAWARMAN
SAMARINDA
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PEMBAHASAN

1.1 LATAR BELAKANG

Dalam pemrograman Python, **list** adalah tipe data yang digunakan untuk menyimpan beberapa item dalam satu variabel. List di Python bersifat **mutable**, yang artinya elemen-elemennya dapat diubah setelah list dibuat. List dapat menyimpan berbagai tipe data, seperti integer, float, string, dan bahkan list lainnya. Dan pada praktikum kemaren kita membahas tentang apa itu kegunaan list dan tuple, cara menyelesaikan suatu program list menggunakan list itu sendiri, kita banyak mengerti dan di ajarkan cara membuat suatu list produk, penjualan barang, atau makanan dan lain lain, untuk posstest kali ini pun menggunakan table list yang sudah di ajarkan pada praktikum kemaren.

1.2 FLOWCHART



1.3 SCREENSHOT CODINGAN

```
1 import os
2 data_volume = ["One Piece Vol 1: Romance Dawn", "One Piece Vol 2: Buggy the Clown", "One Piece Vol 3: The Pirate Hunter", "One Piece Vol 4: The New World",
3 "One Piece Vol 5: The Dueling Vanities", "One Piece Vol 6: The Oath", "One Piece Vol 7: The Hottest Day", "One Piece Vol 8: I'm Not a Hero",
4 "One Piece Vol 9: The Goat of a Thousand Yards", "One Piece Vol 10: The Legend Begins", "One Piece Vol 11: The Path to Victory", "One Piece Vol 12: The Battle of the Brothers",
5 "One Piece Vol 13: The Eternal Youth", "One Piece Vol 14: The Song of the Sea", "One Piece Vol 15: The Island of the Sun", "One Piece Vol 16: The Path of the Gods",
6 "One Piece Vol 17: The Ruler of the Sea", "One Piece Vol 18: The Great Pirate Era", "One Piece Vol 19: The Phoenix", "One Piece Vol 20: The Winter's War",
7 "One Piece Vol 21: The Quest for Gold", "One Piece Vol 22: The Road to Raftel", "One Piece Vol 23: The Last Stand", "One Piece Vol 24: The Return of the Captain",
8 "One Piece Vol 25: The New Era", "One Piece Vol 26: The Great Expedition", "One Piece Vol 27: The Pirate Alliance", "One Piece Vol 28: The Lost Treasure",
9 "One Piece Vol 29: The Heart of the Sea", "One Piece Vol 30: The Pirate's Dream", "One Piece Vol 31: The Battle at the Summit", "One Piece Vol 32: The Forgotten Island",
10 "One Piece Vol 33: The Hidden Fortress", "One Piece Vol 34: The Warrior's Code", "One Piece Vol 35: The Age of Pirates", "One Piece Vol 36: The Straw Hat Pirates",
11 "One Piece Vol 37: The Search for the One Piece", "One Piece Vol 38: The Rebellion", "One Piece Vol 39: The Path of the Pirate King", "One Piece Vol 40: The Clashing Ideals",
12 "One Piece Vol 41: The New World", "One Piece Vol 42: The Return of the King", "One Piece Vol 43: The Final Chapter", "One Piece Vol 44: The Battle for the Future",
13 "One Piece Vol 45: The Rise of the Empires", "One Piece Vol 46: The Quest for Freedom", "One Piece Vol 47: The Last Adventure", "One Piece Vol 48: The Shining Star",
14 "One Piece Vol 49: The Legacy", "One Piece Vol 50: The New Generation", "One Piece Vol 51: The Power of Friendship", "One Piece Vol 52: The Heart of the Crew",
15 "One Piece Vol 53: The Road to Freedom", "One Piece Vol 54: The Fire Within", "One Piece Vol 55: The Will to Fight", "One Piece Vol 56: The Guardian of the Sea",
16 "One Piece Vol 57: The Journey Ahead", "One Piece Vol 58: The Curse of the Sea", "One Piece Vol 59: The Soul of the Sea", "One Piece Vol 60: The Bonds of Loyalty",
17 "One Piece Vol 61: The Flame of Hope", "One Piece Vol 62: The Tides of Fate", "One Piece Vol 63: The Awakening", "One Piece Vol 64: The Storm Ahead",
18 "One Piece Vol 65: The Path to Victory", "One Piece Vol 66: The Battle of the Sea", "One Piece Vol 67: The Rise of the Pirates", "One Piece Vol 68: The Heart of the Crew",
19 "One Piece Vol 69: The Legend Continues", "One Piece Vol 70: The Fall of the Empire", "One Piece Vol 71: The New Hope", "One Piece Vol 72: The Strength of the Crew",
20 "One Piece Vol 73: The Clash of Titans", "One Piece Vol 74: The End of the World", "One Piece Vol 75: The New Dawn", "One Piece Vol 76: The Ultimate Challenge",
21 "One Piece Vol 77: The Legacy of Dreams", "One Piece Vol 78: The Heart of the Sea", "One Piece Vol 79: The Final Journey", "One Piece Vol 80: The Call to Adventure",
22 "One Piece Vol 81: The Road to Glory", "One Piece Vol 82: The Strength of Bonds", "One Piece Vol 83: The Bonds of Destiny", "One Piece Vol 84: The Last Adventure",
23 "One Piece Vol 85: The Echo of the Past", "One Piece Vol 86: The Search for Truth", "One Piece Vol 87: The Path of the Heroes", "One Piece Vol 88: The Edge of the World",
24 "One Piece Vol 89: The Depths of the Sea", "One Piece Vol 90: The Rise of Legends", "One Piece Vol 91: The Spirit of Adventure", "One Piece Vol 92: The Battle for Tomorrow",
25 "One Piece Vol 93: The Winds of Change", "One Piece Vol 94: The Power of Unity", "One Piece Vol 95: The Hope of the Future", "One Piece Vol 96: The Last Stand",
26 "One Piece Vol 97: The End of an Era", "One Piece Vol 98: The New World Order", "One Piece Vol 99: The Final Battle", "One Piece Vol 100: The New Frontier",
27 "One Piece Vol 101: The Journey Continues", "One Piece Vol 102: The Unbreakable Bonds", "One Piece Vol 103: The Spirit of the Sea", "One Piece Vol 104: The Destiny of Pirates",
28 "One Piece Vol 105: The Legend Lives On", "One Piece Vol 106: The Heart of the World", "One Piece Vol 107: The Call of the Ocean", "One Piece Vol 108: The Rise of Heroes",
29 "One Piece Vol 109: The Final Journey"
30 ]
31
32
33 os.system('cls || clear')
34 while True:
35     print("""
36     Menu
37     Lihat Data >> 1
38     Tambah Data >> 2
39     Edit Data >> 3
40     Hapus Data >> 4
41     Keluar >> 5
42     """)
43     pilih = input("Masukan Pilihan menu >> ")
44     os.system('cls || clear')
45     match(pilih):
46         case "1":
47             print("==Lihat Data==")
48             for i in range(len(data_volume)):
49                 print(f'Data Ke {i+1}')
50                 print(f'{data_volume[i]}')
51                 print("="*10)
52             input("Enter.....")
53             os.system('cls || clear')
54         case "2":
55             print("Menu tambah data")
56             print("=" * 10)
57             inputUser = input("Volume one piece yang mau ditambahkan : ")
58             data_volume.append(inputUser)
59             print(f'{inputUser} telah ditambahkan')
60             input("Enter.....")
61             os.system('cls || clear')
62         case "3":
63             print("Menu ubah data")
64             for i in range(len(data_volume)):
65                 print(f'data ke {i+1}')
66                 print(f'Nama : {data_volume[i]}')
67                 print("="*10)
68             index = int(input("masukkan data yang mau diedit : "))
69             data_baru = input("masukkan volume yang anda inginkan :")
70             data_volume[index-1] = data_baru
71             print("data berhasil diubah")
72             input("Enter.....")
73             os.system('cls || clear')
74         case "4":
75             print("Menu Hapus Data")
76             for i in range(len(data_volume)):
77                 print(f'data ke {i+1}')
78                 print(f'Nama : {data_volume[i]}')
79                 print("="*10)
80             index_user = int(input("masukkan volume yang ingin dihapus: "))
81             del_user = data_volume.pop(index_user-1)
82             print(f'{del_user} telah dihapus')
83             input("Enter.....")
84             os.system('cls || clear')
85         case "5":
86             print("Anda keluar..")
87             exit()
88         case _:
89             print(f'Menu {pilih} tidak tersedia')
90             input("Enter.....")
91             os.system('cls || clear')
```