**LAPORAN PRAKTIKUM**

**ALGORITMA PEMROGRAMAN 2**

Logo

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**PROGRAM STUDI SISTEM INFORMASI**

**FAKULTAS SAINS DAN TEKNOLOGI TERAPAN**

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1. **Input Process Output (IPO) dan Kode Pemrograman.**

**from** IPython.display **import** clear\_output # process

buku **=** []

k1 **=** 1;

**def** show\_data(): # fungsi def

**if** len(buku) **<=** 0: # process

**print**(" Belum ada data ") # output

**else**: # process

**for** indeks **in** buku:

**print**(indeks) # output

**def** insert\_data(): # fungsi def

    buku\_baru **=** input("Judul buku: ") # input

    buku.append(buku\_baru) # process

**def** edit\_data(): # fungsi def

    show\_data() # fungsi def dijalankan

    indeks **=** int(input("Masukkan ID buku: ")) # input

**if**(indeks **>** len(buku)): # process

**print**("ID salah") # output

**else**: # process

        judul\_baru **=** input("Judul baru: ") # input

        buku[indeks] **=** judul\_baru # process

**def** delete\_data(): # fungsi def

    show\_data() # fungsi def dijalankan

    indeks **=** int(input("Inputkan ID buku: ")) # input

**if**(indeks **>** len(buku)): # process

**print**(" ID salah ") # output

**else**: # process

        buku.remove(buku[indeks])

**def** show\_menu(): # fungsi def

    Tr**=**1

**print**("\n") # output

**print**("++++++++++ Menu +++++++++++")

**print**("[1] Show data")

**print**("[2] Insert data")

**print**("[3] Edit data")

**print**("[4] Delete data")

**print**("[5] Exit")

    menu **=** int(input("Pilih Menu : ")) # input

**print**("\n")

    clear\_output(**wait=**True) # process

**if** (menu **==** 1): # process

        show\_data()

**elif** (menu **==** 2): # process

        insert\_data()

**elif** (menu **==** 3): # process

        edit\_data()

**elif** (menu **==** 4): # process

        delete\_data()

**elif** (menu **==** 5): # process

        Tr**=**0;

**else**: # process

**print**("Salah Pilih!") # output

**return** Tr

**if** \_\_name\_\_ **==** "\_\_main\_\_":

    Tr**=**1 # output

**while**(Tr**==**1):

        Tr**=**show\_menu()

        clear\_output(**wait=**True)

**B. Flowchart & Hasil Run Pemrograman**

**Diagram

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