

LAPORAN PRAKTIKUM
POSTTEST 2
ALGORITMA PEMROGRAMAN DASAR



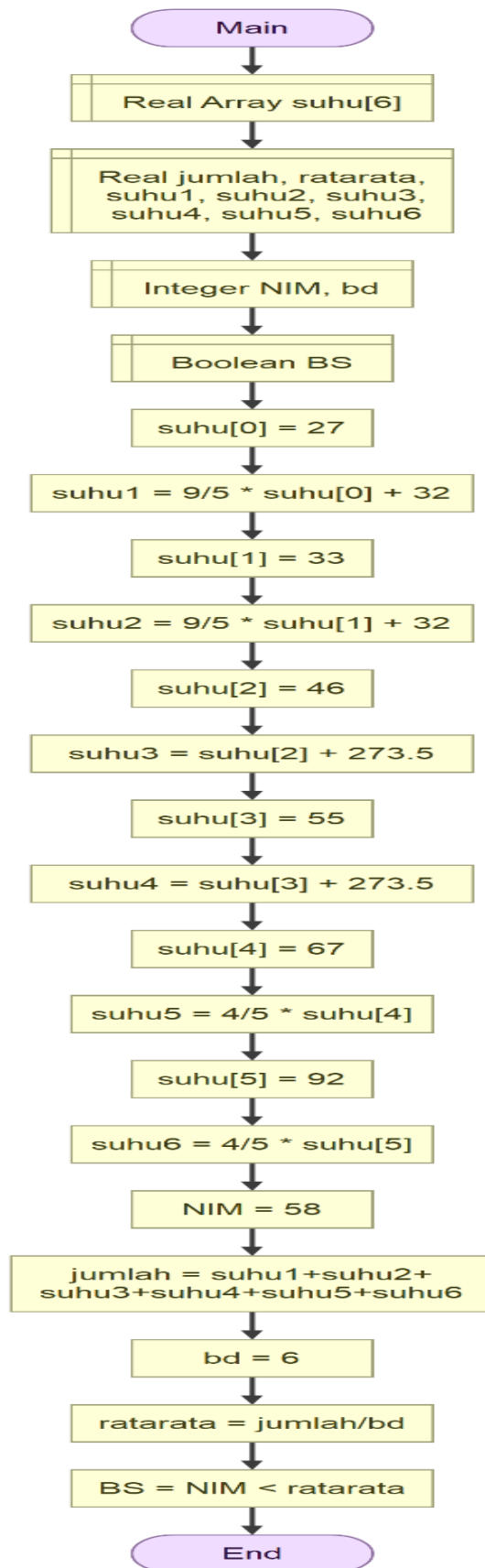
Disusun oleh:

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1. Flowchart



3. Source Code

Source Code:

```
suhu = [27, 33, 46, 55, 67, 92]

suhu_1 = 9/5 * suhu[0] + 32

suhu_2 = 9/5 * suhu[1] + 32

suhu_3 = suhu[-4] + 273.5

suhu_4 = suhu[-3] + 273.5

suhu_5 = 4/5 * suhu[-2]

suhu_6 = 4/5 * suhu[-1]

NIM = 58

jumlah = suhu_1+suhu_2+suhu_3+suhu_4+suhu_5+suhu_6

bd = len(suhu)

rata_rata = jumlah/bd

boolean = NIM < rata_rata

print(suhu_1)

print(suhu_2)

print(suhu_3)

print(suhu_4)

print(suhu_5)

print(suhu_6)

print(NIM)

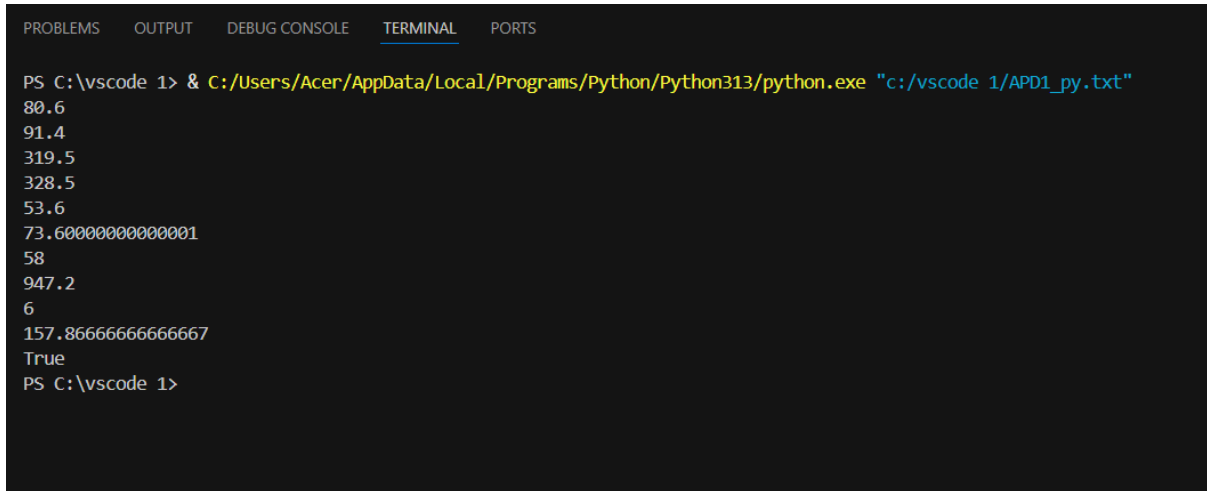
print(jumlah)

print(bd)

print(rata_rata)

print(boolean)
```

4. Hasil Output



The image shows a screenshot of a terminal window within a VS Code editor. The terminal has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is active), and PORTS. The command prompt shows the execution of a Python script: `PS C:\vscode 1> & C:/Users/Acer/AppData/Local/Programs/Python/Python313/python.exe "c:/vscode 1/APD1_py.txt"`. The output of the script is displayed line by line: `80.6`, `91.4`, `319.5`, `328.5`, `53.6`, `73.60000000000001`, `58`, `947.2`, `6`, `157.86666666666667`, and `True`. The prompt then returns to `PS C:\vscode 1>`.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\vscode 1> & C:/Users/Acer/AppData/Local/Programs/Python/Python313/python.exe "c:/vscode 1/APD1_py.txt"
80.6
91.4
319.5
328.5
53.6
73.60000000000001
58
947.2
6
157.86666666666667
True
PS C:\vscode 1>
```

5. Langkah-Langkah Git

```

PS C:\praktikum-apd> git init
Initialized empty Git repository in C:/praktikum-apd/.git/
PS C:\praktikum-apd> git add .
warning: in the working copy of 'post-test/post-test-apd-2/Praktikum-apd-2.fpr
g', LF will be replaced by CRLF the next time Git touches it
PS C:\praktikum-apd> git add .
PS C:\praktikum-apd> git commit -m "upload post test 2"
[main (root-commit) 22337f1] upload post test 2
 2 files changed, 63 insertions(+)
 create mode 100644 post-test/post-test-apd-2/2509106058-Christian_Laga_Lewo_M
aran.py
 create mode 100644 post-test/post-test-apd-2/Praktikum-apd-2.fprg
PS C:\praktikum-apd> git branch -M main
PS C:\praktikum-apd> git remote add origin https://github.com/christianlagalew
omaran-stack/praktikum-apd.git
PS C:\praktikum-apd> git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 16 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 1.16 KiB | 298.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/christianlagalewomaran-stack/praktikum-apd.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\praktikum-apd> 

```

Pertama disini kita menuliskan git init yang berfungsi untuk memulai proyek baru yang sudah kita buat yang akan di masukan ke github
selanjutnya git add . yang digunakan untuk persiapan atau pemilihan berkas yang telah diubah dalam proyek
Lalu kita menuliskan git commit untuk menyimpan jejak atau riwayat perubahan yang kita buat pada proyek
berikutnya git branch untuk menambah cabang atau perubahan yang bukan terdapat di garis utama sehingga kita bisa melakukan eksperimen tanpa takut merusak proyek utama
berikutnya git remote untuk mengelola dan menyinkronkan perubahan
dan git push untuk mengunggah perubahan.