

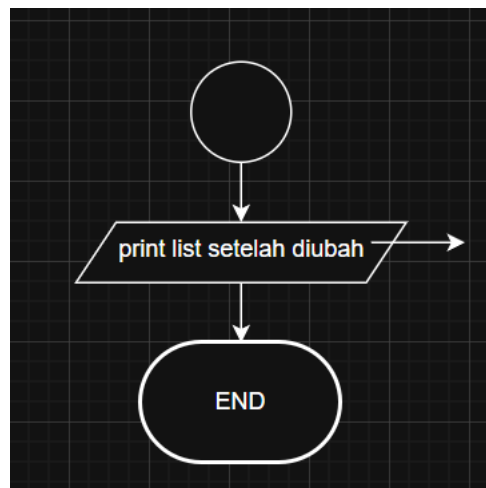
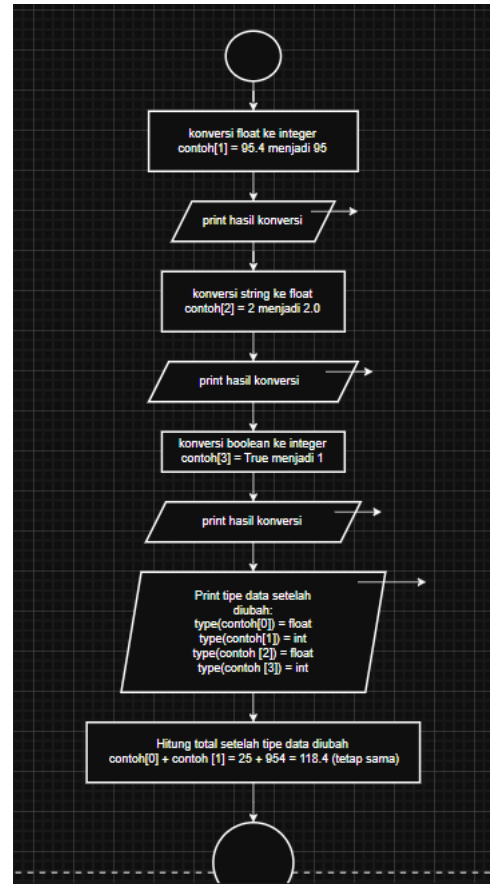
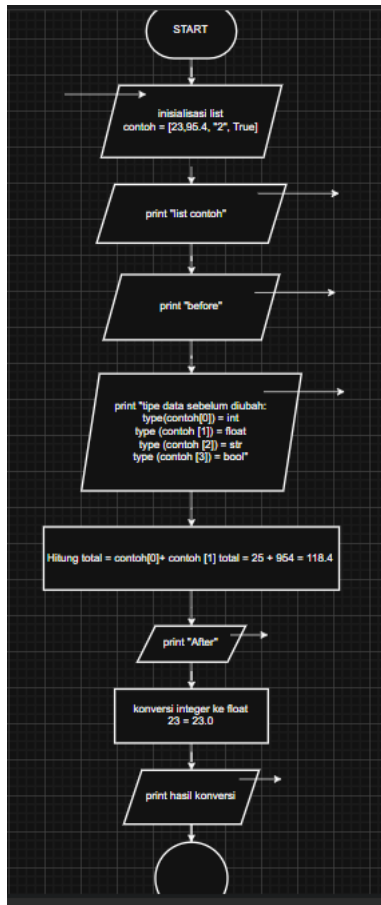
**LAPORAN PRAKTIKUM**  
**POSTTEST (2)**  
**ALGORITMA PEMROGRAMAN DASAR**



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**2025**

## 1. Flowchart



## 2. Source Code

Source Code:

```
contoh = [23, 95.4, "2", True]
print(str(contoh))
```

```

print("=====")
print()
print(f"\t\tBefore\t\t\t")
print()
print("=====")
print(f"\tTipe data sebelum diubah:\t\t=")
print("=====")
print(f"\t{type(contoh[0])}\t\t\t\t=")
print(f"\t{type(contoh[1])}\t\t\t\t=")
print(f"\t{type(contoh[2])}\t\t\t\t=")
print(f"\t{type(contoh[3])}\t\t\t\t=")
total = (contoh[0]) + (contoh[1])
print(f"\tTotal ({contoh[0]}) + ({contoh[1]}) = {total}\t\t=")
print("=====")
print()
print(f"\t\t\"After\"\t\t\t\t")
print()
print("=====")
print(f"\t{\"Integer ke Float\"}\t\t\t=")
contoh[0] = float(contoh[0])
print(f"\t{23} menjadi {contoh[0]}\t\t\t\t=")
print("=====")
print(f"\t{\"Float ke Integer\"}\t\t\t=")
contoh[1] = int(contoh[1])
print(f"\t{95.4} menjadi {contoh[1]}\t\t\t\t=")
print("=====")
print(f"\t{\"String ke Float\"}\t\t\t\t=")
contoh[2] = float(contoh[2])
print(f"\t{2} menjadi {contoh[2]}\t\t\t\t=")
print("=====")
print(f"\t{\"Boolean ke Integer\"}\t\t\t=")
contoh[3] = int(contoh[3])
print(f"\t{True} menjadi {contoh[3]}\t\t\t\t=")
print("=====")
print(f"\tTipe data setelah diubah:\t\t=")
print(f"\t{type(contoh[0])}\t\t\t\t=")
print(f"\t{type(contoh[1])}\t\t\t\t=")
print(f"\t{type(contoh[2])}\t\t\t\t=")
print(f"\t{type(contoh[3])}\t\t\t\t=")
print(f"\tTotal ({contoh[0]}) + ({contoh[1]}) = {total}\t\t=")
print("=====")

```

```

contoh = [23.0,95, "2.0", 1]
print(f"=\t{contoh}\t\t=")
print("=====")

```

### 3. Hasil Output

```

[23, 95.4, '2', True]
=====

                                Before

=====

=      Tipe data sebelum diubah:      =
=====
=      <class 'int'>                    =
=      <class 'float'>                  =
=      <class 'str'>                    =
=      <class 'bool'>                   =
=      Total (23) + (95.4) = 118.4      =
=====

```

Gambar 3.1 sebelum diubah

```

=====

                                After

=====

=      Integer ke Float                  =
=      23 menjadi 23.0                  =
=====
=      Float ke Integer                  =
=      95.4 menjadi 95                  =
=====
=      String ke Float                  =
=      2 menjadi 2.0                    =
=====
=      Boolean ke Integer                =
=      True menjadi 1                    =
=====
=      Tipe data setelah diubah:         =
=      <class 'float'>                   =
=      <class 'int'>                     =
=      <class 'float'>                   =
=      <class 'int'>                     =
=      Total (23.0) + (95) = 118.4      =
=====
=      [23.0, 95, '2.0', 1]             =
=====

```

Gambar 4.2 Setelah diubah

## 5. Langkah-langkah GIT

Berikut adalah langkah-langkah git yang saya gunakan:

### 5.1 GIT Init

```
PS C:\Users\ASUS\Documents\Kuliah\Praktikum-APD\post-test\post-test-apd-2> git init
Initialized empty Git repository in C:/Users/ASUS/Documents/Kuliah/Praktikum-APD/post-test/post-test-apd-2/.git/
```

### 5.2 GIT Add

```
PS C:\Users\ASUS\Documents\Kuliah\Praktikum-APD\post-test\post-test-apd-2> git add .
```

### 5.3 GIT Commit

```
PS C:\Users\ASUS\Documents\Kuliah\Praktikum-APD\post-test\post-test-apd-2> git commit -m "added: 2509106042-Diftya_Azzahra-PT-2.py"
[main (root-commit) 9adfc1b] added: 2509106042-Diftya_Azzahra-PT-2.py
2 files changed, 48 insertions(+)
create mode 100644 2509106042-Diftya_Azzahra-PT-2.py
create mode 100644 README.md
PS C:\Users\ASUS\Documents\Kuliah\Praktikum-APD\post-test\post-test-apd-2>
```

### 5.4 GIT Remote

```
PS C:\Users\ASUS\Documents\Kuliah\Praktikum-APD\post-test\post-test-apd-2> git remote add origin https://github.com/HikaruYui/Praktikum-APD.git
```

### 5.5 GIT Push

```
PS C:\Users\ASUS\Documents\Kuliah\Praktikum-APD\post-test\post-test-apd-2> git push -u main origin
```