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


**Disusun oleh:**

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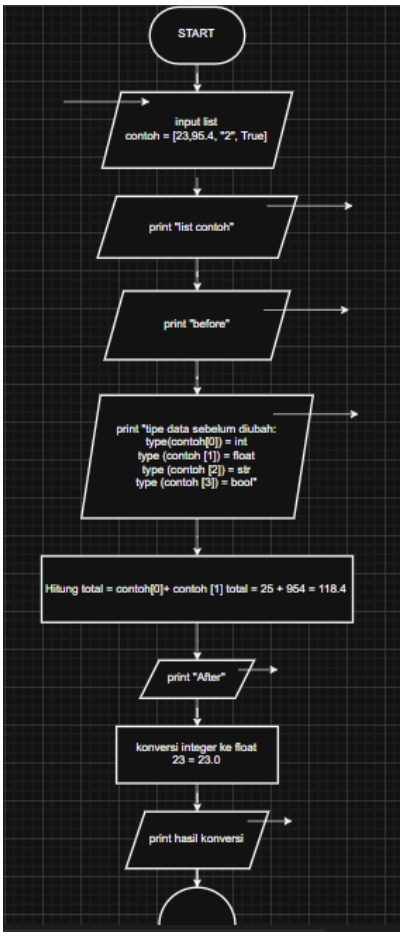
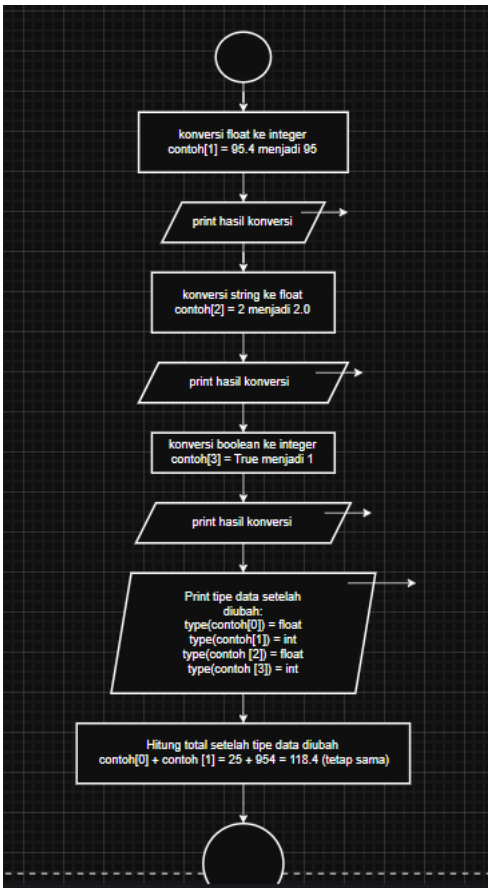
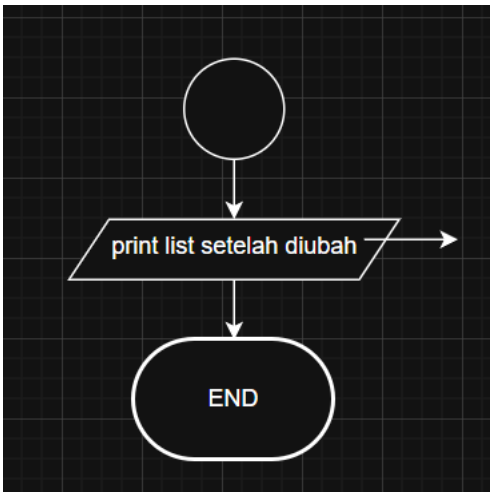
## 1. Flowchart




## 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\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 3.2  Setelah diubah

## 4. Langkah-langkah GIT

Berikut adalah langkah-langkah git yang saya gunakan:

### 4.1 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/
```

### 4.2 GIT Add

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

### 4.3 GIT Commit

```
PS C:\Users\ASUS\Documents\Kuliah\Praktikum-APD\post-test\post-test-apd-2> git commit -m "added: 2509106042-Diftya_Azzah
ra-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>
```

### 4.4 GIT Remote

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

### 4.5 GIT Push

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