

Part 2 – Variable, Data type, Operator

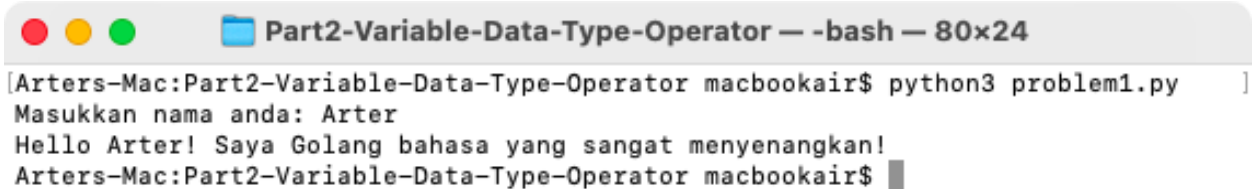
Problem 1

Sintaks:

```
import sys

nama = input("Masukkan nama anda: ")
print("Hello",nama,end="!")
print("Saya Golang bahasa yang sangat menyenangkan!")
print("")
```

Output:



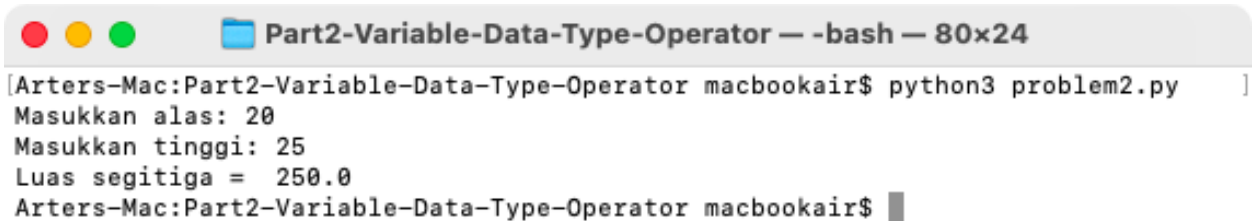
```
Part2-Variable-Data-Type-Operator — -bash — 80x24
[Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$ python3 problem1.py ]
Masukkan nama anda: Arter
Hello Arter! Saya Golang bahasa yang sangat menyenangkan!
Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$
```

Problem 2

Sintaks:

```
a= float(input("Masukkan alas: "))
t= float(input("Masukkan tinggi: "))
luas=0.5*a*t
print("Luas segitiga = ",str(luas))
```

Output:



```
Part2-Variable-Data-Type-Operator — -bash — 80x24
[Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$ python3 problem2.py ]
Masukkan alas: 20
Masukkan tinggi: 25
Luas segitiga = 250.0
Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$
```

Problem 3

Sintaks:

```
import sys

r = float(input("Masukkan radius: "))
```

```

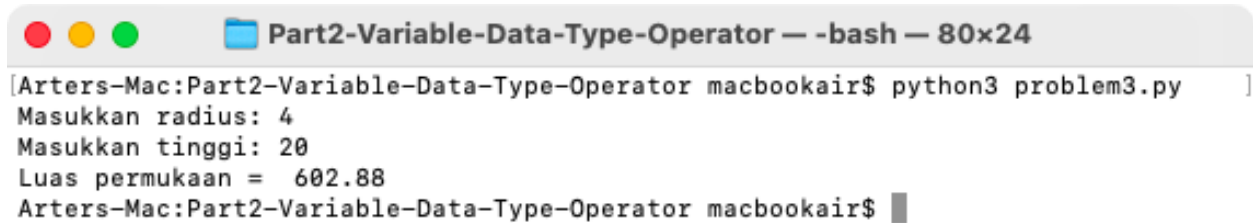
T = float(input("Masukkan tinggi: "))
Pi = 3.14

Lp = 2*Pi*r*r+2*Pi*r*T

print("Luas permukaan = ",str(Lp))

```

Output:



```

Part2-Variable-Data-Type-Operator — -bash — 80x24
[Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$ python3 problem3.py ]
Masukkan radius: 4
Masukkan tinggi: 20
Luas permukaan = 602.88
Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$ █

```

Problem 4

Sintaks:

```

import sys

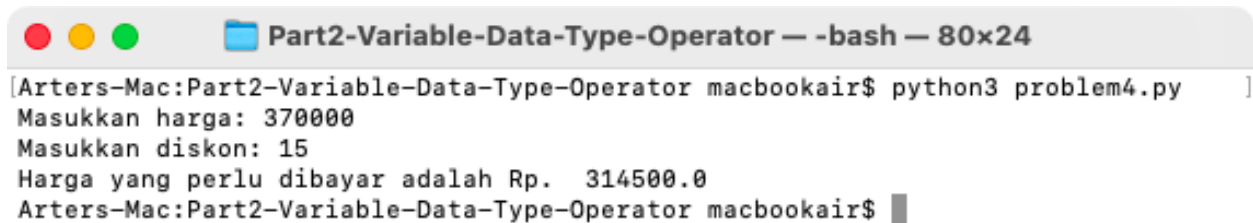
harga = int(input("Masukkan harga: "))
diskon = int(input("Masukkan diskon: "))

harga_akhir = harga - (diskon / 100 * harga)

print("Harga yang perlu dibayar adalah Rp. ",harga_akhir)

```

Output:



```

Part2-Variable-Data-Type-Operator — -bash — 80x24
[Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$ python3 problem4.py ]
Masukkan harga: 370000
Masukkan diskon: 15
Harga yang perlu dibayar adalah Rp. 314500.0
Arters-Mac:Part2-Variable-Data-Type-Operator macbookair$ █

```