

**KEAMANAN SISTEM DAN JARINGAN KOMPUTER**  
**TryHackMe: Python Basic**



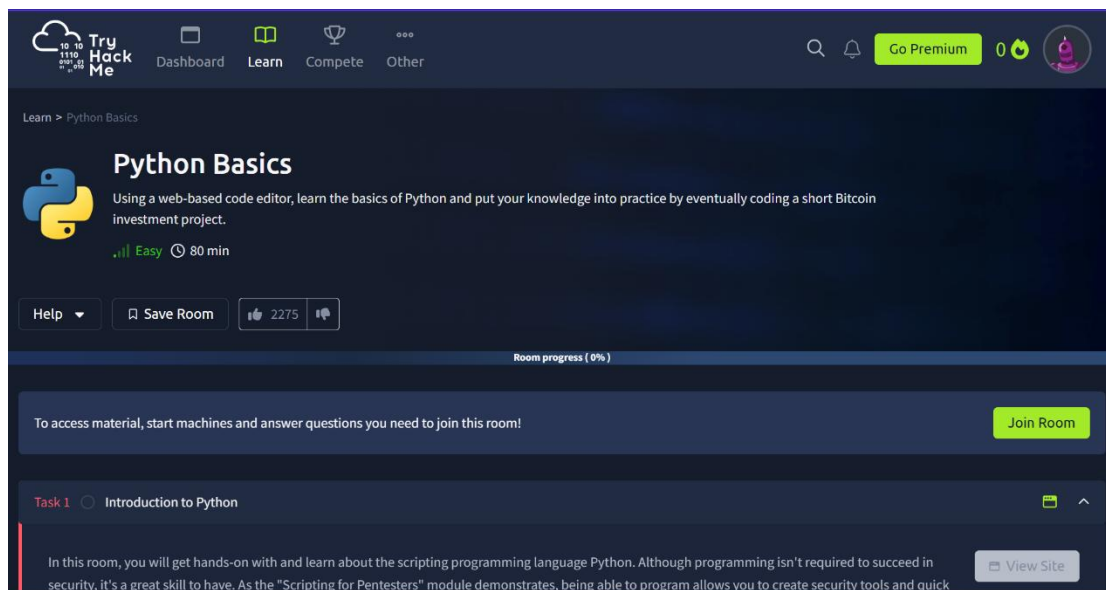
Nama :

Aldi Nur Fahmi

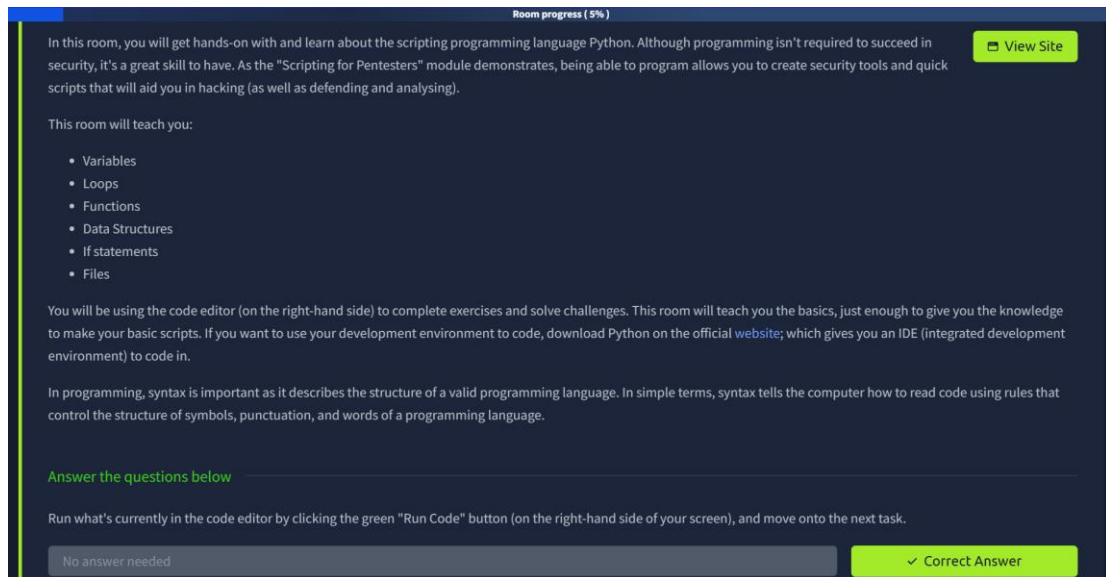
**POLITEKNIK NEGERI MALANG KAMPUS**  
**LUMAJANG**

*Jl. Lintas Timur, Area Sawah/Kebun, Jogotrunan, Kec. Lumajang,  
Kabupaten Lumajang, Jawa Timur 67314*

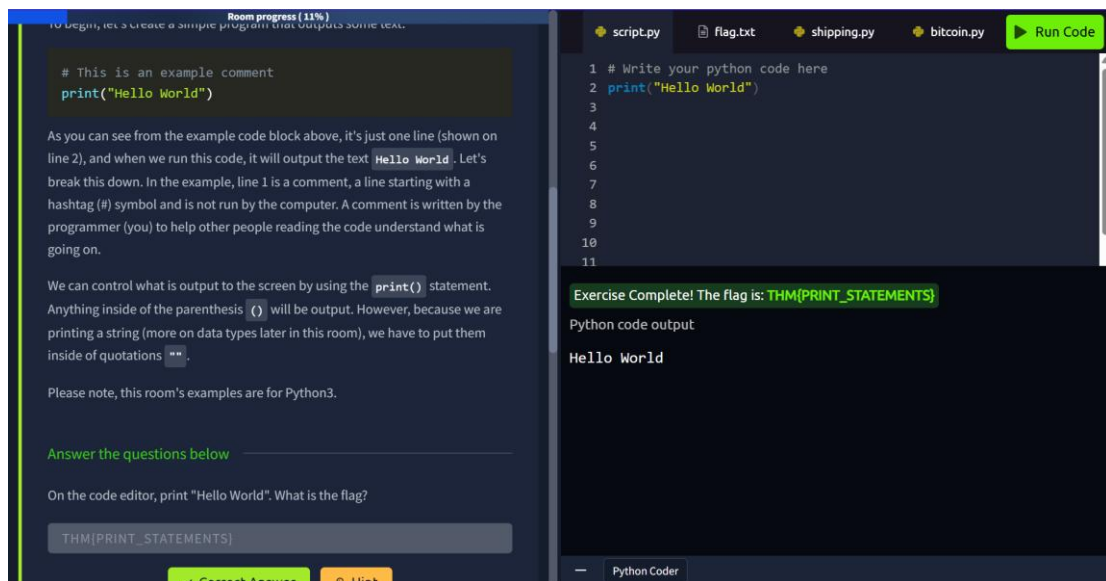
**2025**



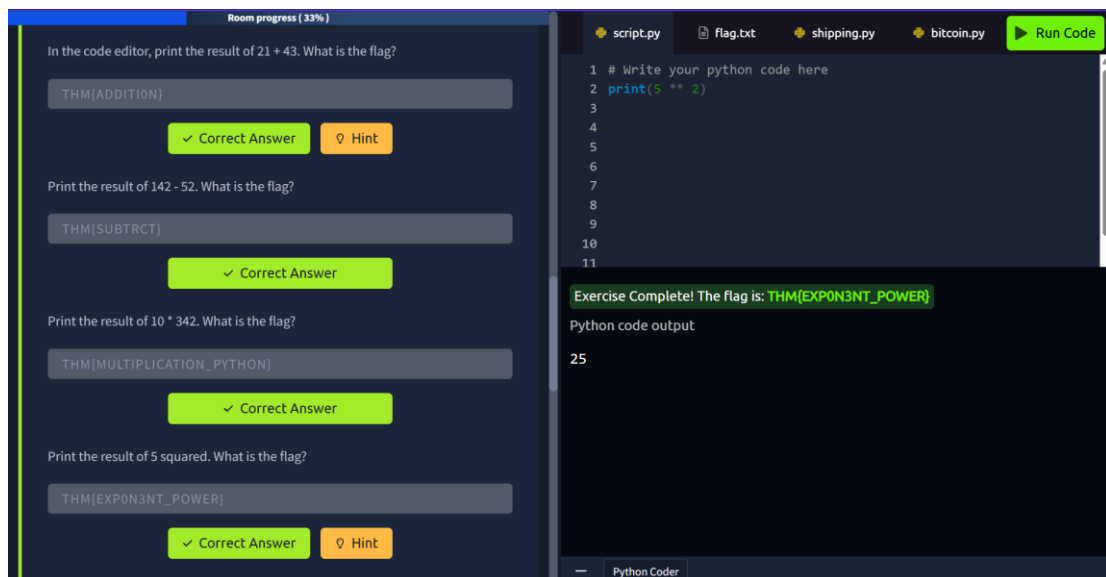
## 1. Join room di Python Basic



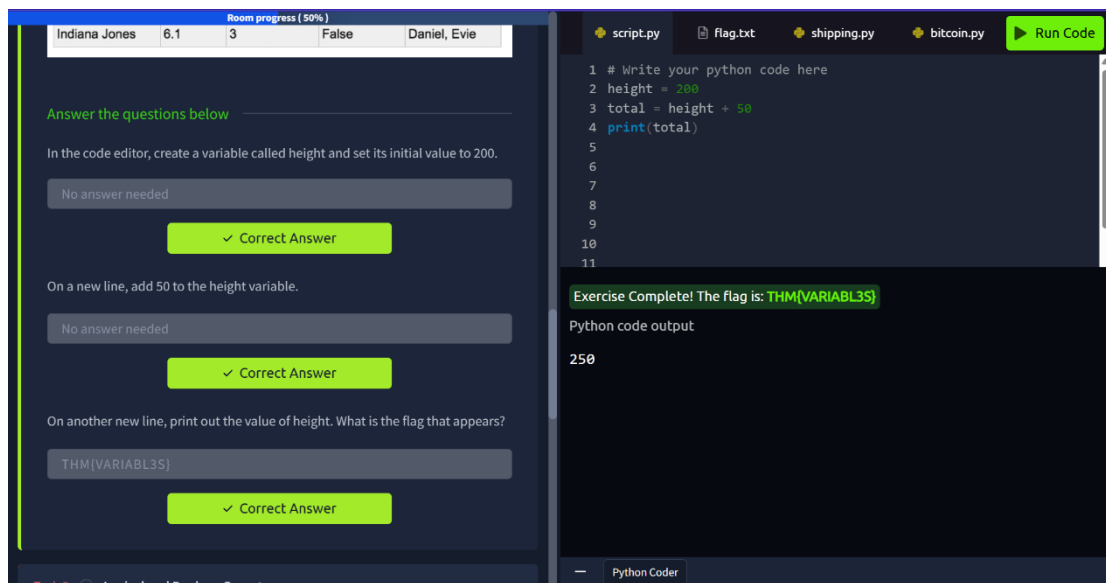
## 2. Menyelesaikan task 1



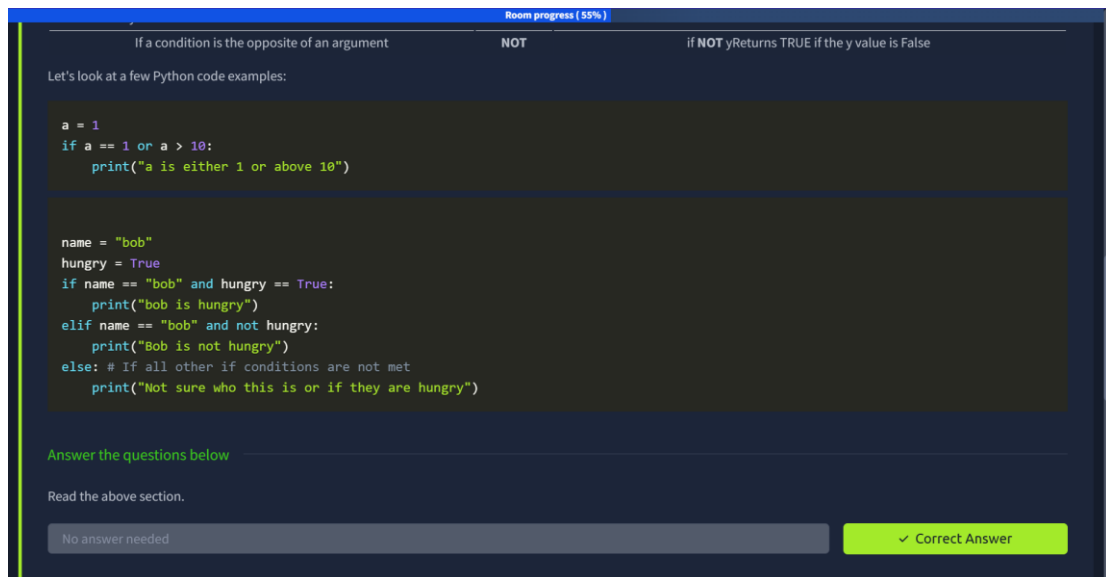
- Menyelesaikan task 2 dengan menulis kode untuk menampilkan Hello World di Code Editor tryhackme



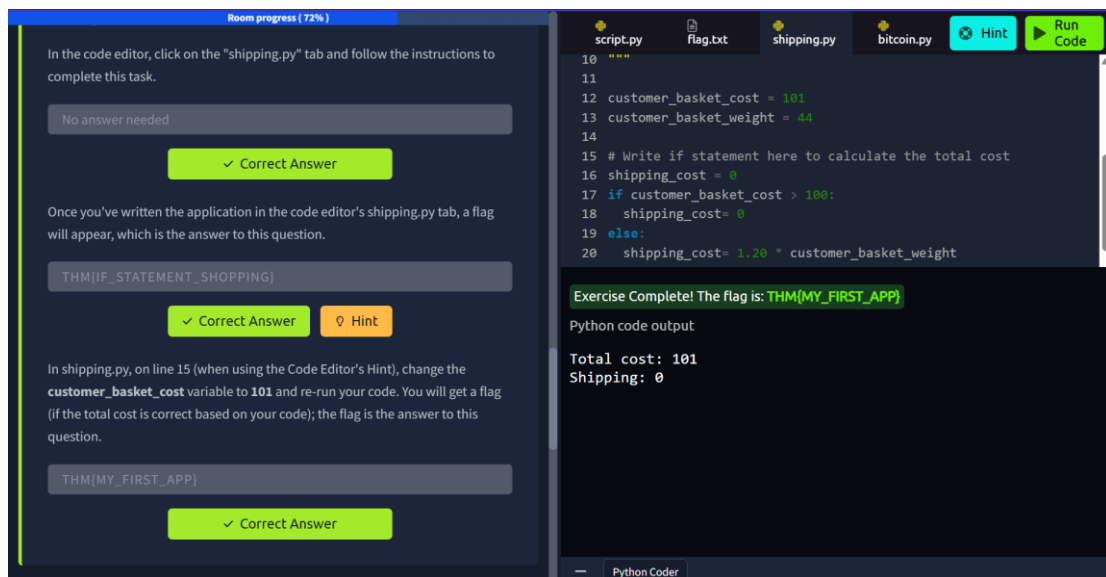
- Menyelesaikan task 3 dengan menulis kode penjumlahan di masing-masing soal dan mendapatkan flag



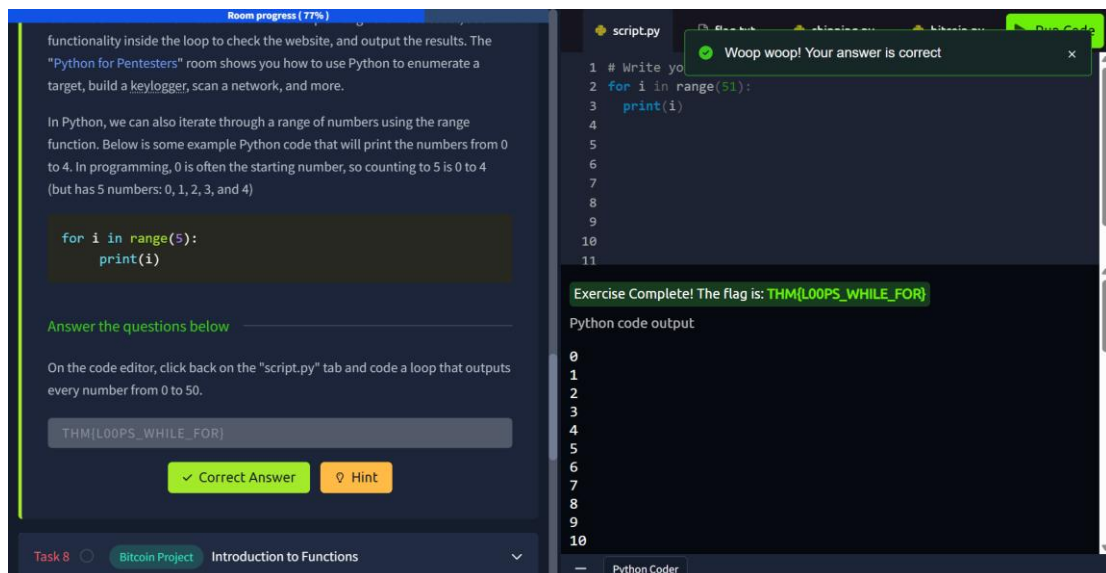
5. Menyelesaikan task 4 dengan menulis variable height dengan nilai 200 lalu pada baris baru variable height tadi ditambahkan 50 dan disimpan di variable total, lalu tampilkan variable total tadi dengan output hasil dari penjumlahan height + 50. Setelah itu mendapatkan flag yang tertulis di bagian output



6. Menyelesaikan task 5 dengan hanya membaca



- Menyelesaikan task 6 dengan menulis kode if statement untuk menentukan biaya total



- Menyelesaikan task 7 dengan menulis kode untuk menampilkan angka 0 sampai 50 dengan menggunakan looping.

Room progress ( 88% )

In the code editor, click on the bitcoin.py tab. Write a function called `bitcoinToUSD` with two parameters: `bitcoin_amount`, the amount of Bitcoin you own, and `bitcoin_value_usd`, the value of bitcoin in USD. The function should return `usd_value`, which is your bitcoin value in USD (to calculate this, in the function, you times `bitcoin_amount` variable by `bitcoin_value_usd` variable and return the value). The start of the function should look like this:

```
def bitcoinToUSD(bitcoin_amount, bitcoin_value_usd):
```

Once you've written the `bitcoinToUSD` function, use it to calculate the value of your Bitcoin in USD, and then create an if statement to determine if the value falls below \$30,000; if it does, output a message to alert you (via a print statement).

THM{BITCOIN\_INVESTOR}

✓ Correct Answer    ? Hint

1 Bitcoin is now worth \$24,000. In the code editor on line 14, update the `bitcoin_to_usd` variable value to 24000 and see if your Python program recognises that your investment is below the \$30,000 threshold.

No answer needed

✓ Correct Answer

script.py    flag.txt    shipping.py    bitcoin.py    Hint    Run Code

```
19 return usd_value
20
21 bitcoin_amount = 1.2
22 bitcoin_value_usd = 24000
23
24 my_bitcoin_value = bitcoinToUSD(bitcoin_amount,
    bitcoin_value_usd)
25
26 print("Your Bitcoin value in USD: $" + str(my_bitcoin_value))
27 if my_bitcoin_value < 30000:
28     print("Alert! Your Bitcoin value is below $30,000!")
```

Exercise Complete! The flag is: THM{BITCOIN\_INVESTOR}

Python code output

Your Bitcoin value in USD: \$28800.0  
Alert! Your Bitcoin value is below \$30,000!

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9. Menyelesaikan task 8 dengan menulis kode untuk menghitung total bitcoin

Room progress ( 94% )

...for append; if you're writing to a file, you use "w" (write) instead of "a". See the examples below for clarity:

```
f = open("demofile1.txt", "a") # Append to an existing file
f.write("The file will include more text..")
f.close()

f = open("demofile2.txt", "w") # Creating and writing to
f.write("demofile2 file created, with this content in!")
f.close()
```

Notice we use the `close()` method after writing to a file; this closes the file so no more writing to the file (within the program) can occur.

Answer the questions below

In the code editor, write Python code to read the `flag.txt` file. What is the flag in this file?

THM{FILE\_R3AD}

✓ Correct Answer

script.py    flag.txt    shipping.py    bitcoin.py    Run Code

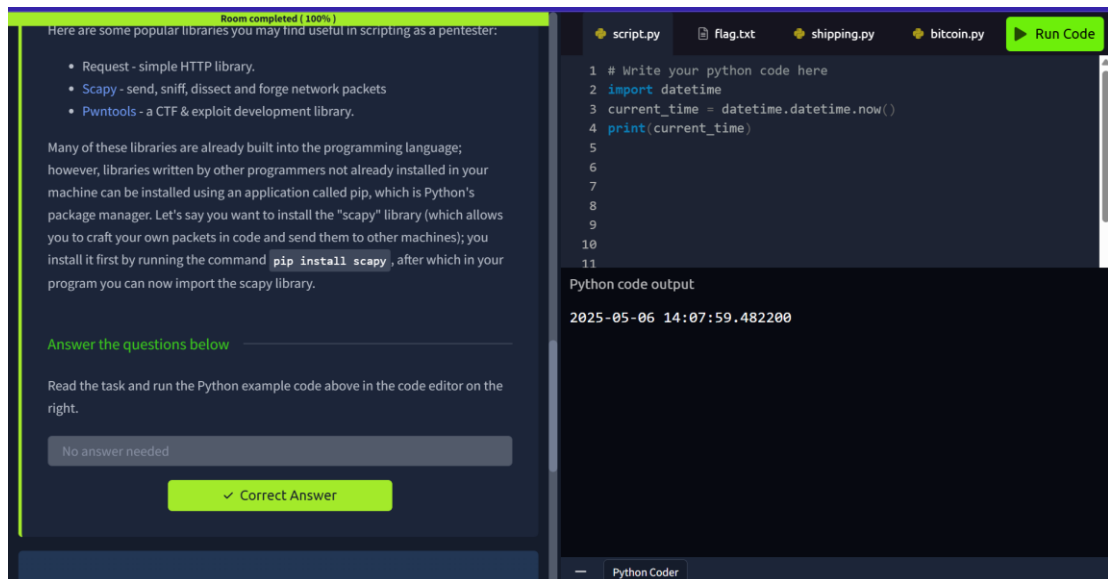
```
1 # Write your python code here
2 f = open("flag.txt", "r")
3 print(f.read())
4
5
6
7
8
9
10
11
```

Python code output

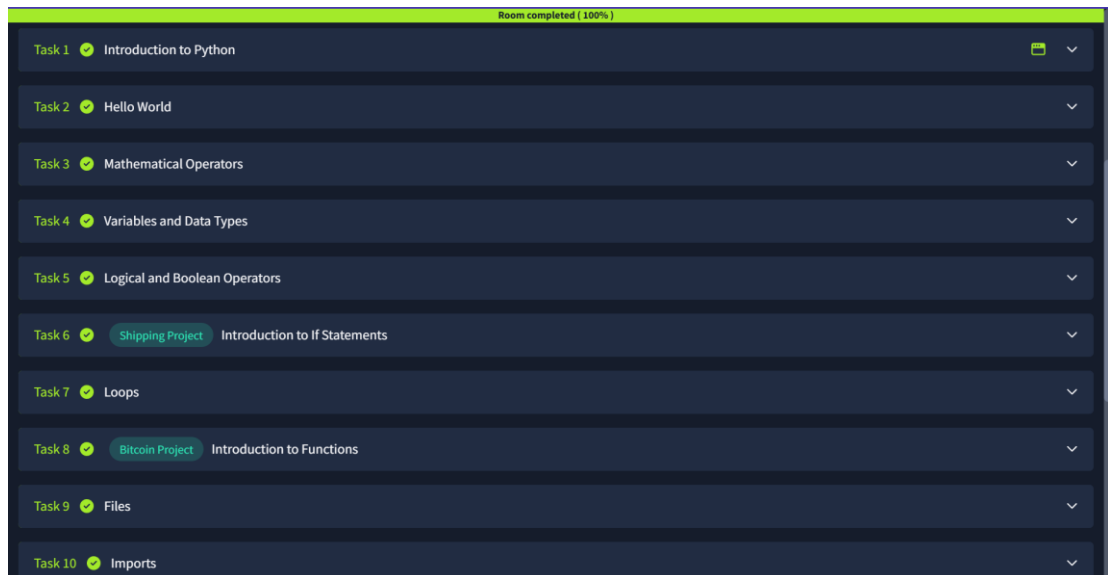
THM{FILE\_R3AD}

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10. Menyelesaikan task 9 dengan menulis kode untuk membaca file pada `flag.txt` agar bisa mendapatkan flag yang tertulis di file `flag.txt` tersebut



11. Menyelesaikan task 10 dengan membaca dan menjalankan kode yang ada pada text



12. Materi pada basic python sudah selesai