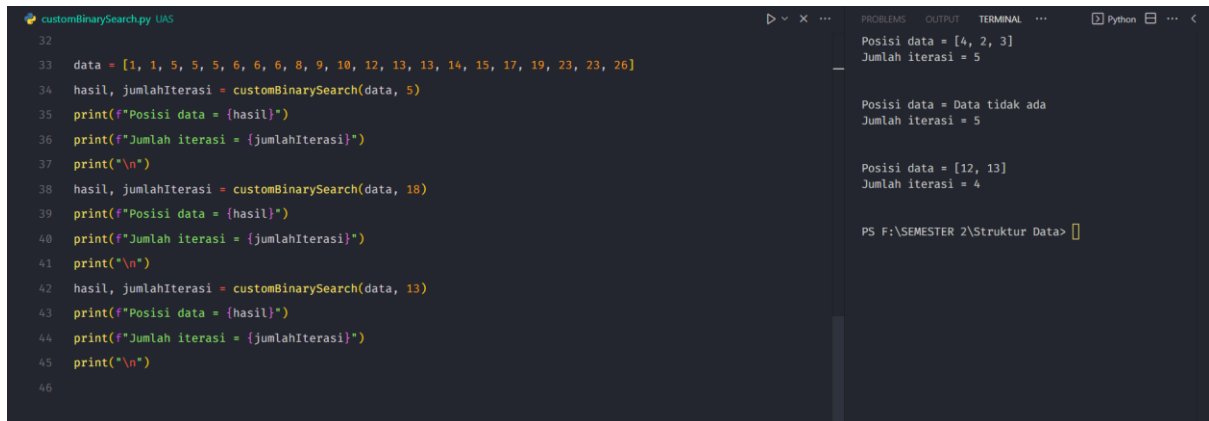


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Screenshoot



The screenshot shows a Python IDE with a file named `customBinarySearch.py`. The code defines a `customBinarySearch` function that takes a list `data` and a target value. It returns the index of the target if found, or `-1` if not found. The code also prints the number of iterations required for each search.

```
32
33 data = [1, 1, 5, 5, 5, 5, 6, 6, 6, 6, 8, 9, 10, 12, 13, 13, 14, 15, 17, 19, 23, 23, 26]
34 hasil, jumlahIterasi = customBinarySearch(data, 5)
35 print(f"Posisi data = {hasil}")
36 print(f"Jumlah iterasi = {jumlahIterasi}")
37 print("\n")
38 hasil, jumlahIterasi = customBinarySearch(data, 18)
39 print(f"Posisi data = {hasil}")
40 print(f"Jumlah iterasi = {jumlahIterasi}")
41 print("\n")
42 hasil, jumlahIterasi = customBinarySearch(data, 13)
43 print(f"Posisi data = {hasil}")
44 print(f"Jumlah iterasi = {jumlahIterasi}")
45 print("\n")
46
```

The output of the program is shown in the terminal:

```
Posisi data = [4, 2, 3]
Jumlah iterasi = 5

Posisi data = Data tidak ada
Jumlah iterasi = 5

Posisi data = [12, 13]
Jumlah iterasi = 4

PS F:\SEMESTER 2\Struktur Data>
```