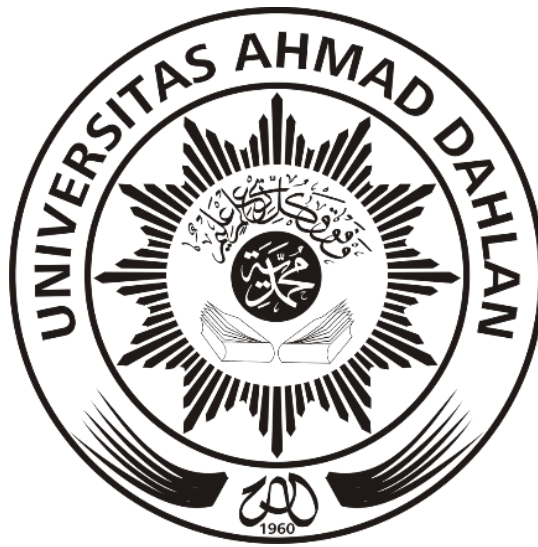


**LAPORAN**  
**PRAKTIKUM ALGORITMA PEMROGRAMAN**



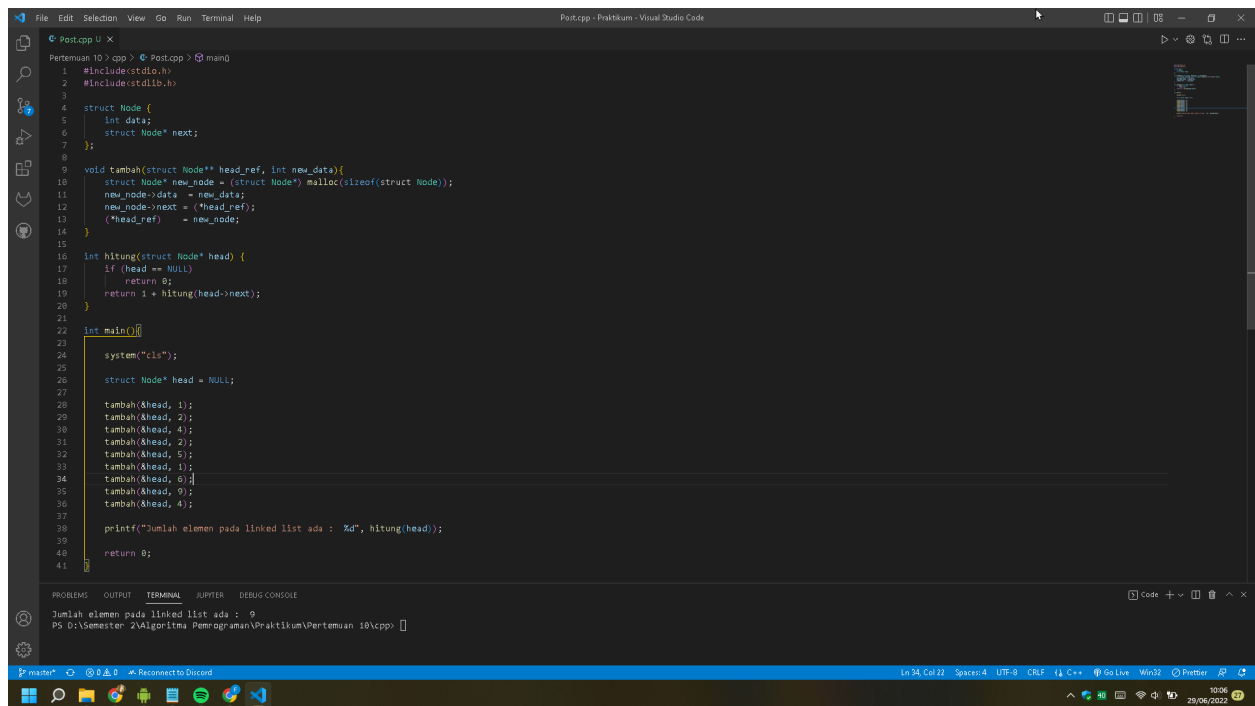
**Disusun Oleh:**  
**FARID HIBATURRACHMAN (2100018444) - KELAS I**

**PROGRAM STUDI INFORMATIKA**  
**FAKULTAS TEKNOLOGI INDUSTRI**  
**UNIVERSITAS AHMAD DAHLAN**

**JUNI 2022**

## Posttest

### Source code + hasil run



```
Postcpp U. X
Pertemuan 10 > cpp > Post.cpp > main0
1 #include<stdio.h>
2 #include<stdlib.h>
3
4 struct Node {
5     int data;
6     struct Node* next;
7 };
8
9 void tambah(struct Node** head_ref, int new_data){
10     struct Node* new_node = (struct Node*) malloc(sizeof(struct Node));
11     new_node->data = new_data;
12     new_node->next = (*head_ref);
13     (*head_ref) = new_node;
14 }
15
16 int hitung(struct Node* head) {
17     if (head == NULL)
18         return 0;
19     return 1 + hitung(head->next);
20 }
21
22 int main()
23 {
24     system("cls");
25
26     struct Node* head = NULL;
27
28     tambah(&head, 1);
29     tambah(&head, 2);
30     tambah(&head, 4);
31     tambah(&head, 2);
32     tambah(&head, 1);
33     tambah(&head, 1);
34     tambah(&head, 0);
35     tambah(&head, 0);
36     tambah(&head, 4);
37
38     printf("Jumlah elemen pada linked list ada : %d", hitung(head));
39
40     return 0;
41 }
```

PROBLEMS OUTPUT TERMINAL JUPITER DEBUG CONSOLE

Jumlah elemen pada linked list ada : 9

PS D:\Semester 2\Algoritma Pemrograman\Praktikum\Pertemuan 10\cpp>

Ln 38, Col 22 Spaces: 4 UTF-8 CRLF C++ Go Live Win32 Prettier

1006 29/06/2022