## LAPORAN PRAKTIKUM PERTEMUAN 7 STACK



## Nama:

Reza Irawan (2311104035)

## Dosen:

YUDHA ISLAMI SULISTYA, S.Kom., M.Cs.

# PROGRAM STUDI S1 REKAYASA PERANGKAT LUNAK FAKULTAS INFORMATIKA TELKOM UNIVERSITY PURWOKERTO 2024

## **SOAL TP**

## 1. Soal 01

```
void pop(stack &S) {
   if (!isEmpty(S)) {
       S.top--:
void printStack(stack S) {
   if (isEmpty(S)) {
      cout << "Stack kosong" << endl;
} else {
      for (int i = 0; i <= S.top; i++) {
            cout << S.info[i] << " ";
}</pre>
void popMultiple(stack &S, int count) {
    for (int i = 0; i < count; i++) {
        if (!isEmpty(S)) {
            pop(S);
        }
}</pre>
              createStack(S);
string NIM = 12345678";
int lastDigit = NIM[NIM.length() - 1] - '0';

cout << "Digit terakhir NIM MOD 4 sisa " << lastDigit % 4 << " :" << endl;
if (lastDigit % 4 == 0) {
    // I F L A B J A Y A
    push(S, 'I');
    push(S, 'F');
    push(S, 'E');
    push(S, 'B.);
    push(S, 'B.);
    push(S, 'B.);
    push(S, 'A');
    push(S, 'A');
    push(S, 'A');
    push(S, 'A');
    push(S, 'A');
    push(S, 'A');</pre>
```

## Output:

```
PS D:\STRUKTUR DATA\07_Stack> cd "d:\STRUKTUR DATA\07_Stack\TP\" ; if ($?)
Digit terakhir NIM MOD 4 sisa 0 :
Output:
I F L A B J A Y A
I F L A
PS D:\STRUKTUR DATA\07_Stack\TP>
```