LAPORAN PRAKTIKUM PERTEMUAN 7 STACK



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

SOAL TP

1. Soal 1 TP

```
• • •
struct stack {
   char info[MAX_SIZE];
   int top;
}
    void popMultiple(stack &S, int count) {
    for (int i = 0; i < count; i++) {
        if (!isEmpty(S)) {
            pop(S);
        }
    }
}</pre>
cout <= "Digit terakhir NIM MOD 4 sisa" << lastDigit % 4 << " :" <<
endlf (lastDigit % 4 == 0) {
    // I F L A B J A Y A
        push(S, 'I');
        push(S, 'I');
        push(S, 'A');
        push(S, 'A');
        push(S, 'A');
        push(S, 'Y');
        push(S, 'Y');

                                                                                                        cout << "Output:" << endl;
printStack(S);
                                               printstack(s);

place if (lastiquit % 4 == 1) {
    push(s, 'N');
    push(s, 'N');
    push(s, 'U');
    push(s, 'U');
    push(s, 'N');
    push(s, 'N');
    push(s, 'U');
    push(s, 'U');
    push(s, 'V');
    push(s, 'V');

                                                                                                        cout << "Output:" << endl;
printStack(S);
                                               printstack(s);

place if (lastbight % 4 == 2) {
    push(s, P);
    push(s, E);
    push(s, E);
    push(s, C);
    push(s, C);
    push(s, Y);
                                                                                                        cout << "Output:" << endl;
printStack(5);
                                               printstack(s);

| else if (lastDigit % 4 == 3) {
    push(s, 'S');
    push(s, 'T');
    push(s, 'T');
    push(s, 'R');
    push(s, 'R');
    push(s, 'Y');
    push(s, 'T');
    push(s, 'R');
    push(s, 'R');
    push(s, 'A');
    push(s, 'A');
    push(s, 'A');
                                                                                                            cout << "Output:" << endl;
printStack(S);
```

Hasil Kode:

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