TUGAS PRAKTIKUM ALGORITMA PEMROGRAMAN

“MEMBUAT FLOWCHART DAN PSEUDOCODE Pekan 8”



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2023/2024

**FLOWCHART**

int nim

String nama, jurusan

arrayNama[999]

arrayNim[999]

arrayJurusan[999]

int n = 0

reset

Simpan

Start

textNama.setText("");

textNim.setText("");

cbJurusan.setSelectedIndex(0);

lblInfo.setText("");

arraynama[n] = textNama.getText();

long nim = Long.parseLong(textNim.getText());

arraynim[n] = nim;

arrayjurusan[n] = (String) cbJurusan.getSelectedItem();

textNama.setText("");

textNim.setText(""); cbJurusan.setSelectedIndex(0);

lblInfo.setText("Data " + arraynama[n] + " tersimpan!");

System.out.println(arraynama[n] + "\n" + arraynim[n] + " " + "\n" + arrayjurusan[n]);

System.out.println();

            n++;

Input nama, nim

Choose jurusan (teknik computer, sistem informasi, informatika)

Start

**PSEUDOCODE**

|  |  |
| --- | --- |
| Program Data Mahasiswa | Judul |
| int nim;  String nama, jurusan;  arrayNama[999];  arrayNim[999];  arrayJurusan[999];  int n = 0; | Deklarasi |
| Start  Input nama, nim  Choose jurusan (Teknik Komputer, Sistem Informasi, Informatika)  If (Simpan)  arraynama[n] = textNama.getText();  long nim = Long.parseLong(textNim.getText());  arraynim[n] = nim;  arrayjurusan[n] = (String) cbJurusan.getSelectedItem();  textNama.setText("");  textNim.setText(""); cbJurusan.setSelectedIndex(0);  lblInfo.setText("Data " + arraynama[n] + " tersimpan!");  System.out.println(arraynama[n] + "\n" + arraynim[n] + " " + "\n" + arrayjurusan[n]);  System.out.println();              n++;  If (Reset)  textNama.setText("");  textNim.setText("");  cbJurusan.setSelectedIndex(0);  lblInfo.setText("");  End | Algoritma |