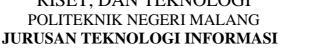


# KEMENTERIAN PENDIDIKAN, KEBUDAYAAN RISET, DAN TEKNOLOGI POLITEKNIK NEGERI MALANG





Jl. Soekarno Hatta No.9 Jatimulyo, Lowokwaru, Malang, 65141 Telp. (0341) 404424 – 404425, Fax (0341) 404420, http://www.polinema.ac.id

### Mid Test 2023/2024

Course : Algorithm and Data Structure Practicum

Kelas : SIB I

: Tuesday, April 16<sup>th</sup> 2024 Day, Date

Time : 13.00 - 17.00

Lecturer : Rokhimatul Wakhidah, S.Pd., M.T.

#### **Exam Instructions**

- 1. Practical exams are honest and open
- 2. Please do it at your respective places.
- 3. The results of the work are in the form of a file in one folder containing the Java project and a PDF screen shot file resulting from compilation and coding
- 4. All work is uploaded to the LMS in one zip with just the NAME file naming
- 5. The same code structure is not permitted. 30% of the code structure is the same, repeating UTS.

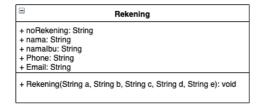
### **Exam questions**

- 1. Create a banking information system consisting of 2 diagram classes, namely Accounts and Transactions. In this information system you can
- a. input data,
- b. display data,
- c. sort data by certain criteria, and

#### / Mengurutkan data transaksi berdasarkan saldo

### Collections.sort(transaksiList, Comparator.comparing(Transaksi::getSaldo));

d. search for data



	Transaksi
+ saldo: double + saldoAwal: dou + saldoAkhir: dou + tanggalTransal + type: String	uble
+ Transaksi(double a, double b, double c, double d, double e): void	

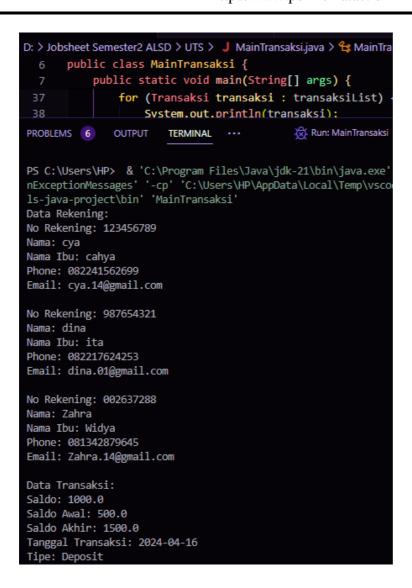
=	MainTransaksi
+ Mair	n(String[] abcd): void



## KEMENTERIAN PENDIDIKAN, KEBUDAYAAN RISET, DAN TEKNOLOGI POLITEKNIK NEGERI MALANG JURUSAN TEKNOLOGI INFORMASI



Jl. Soekarno Hatta No.9 Jatimulyo, Lowokwaru, Malang, 65141 Telp. (0341) 404424 – 404425, Fax (0341) 404420, http://www.polinema.ac.id

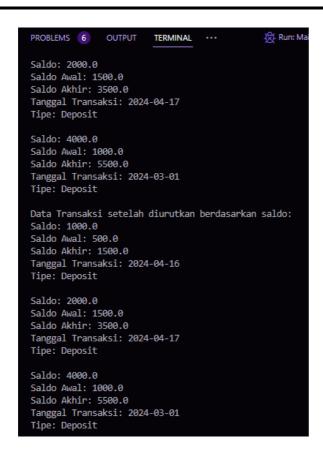




# KEMENTERIAN PENDIDIKAN, KEBUDAYAAN RISET, DAN TEKNOLOGI POLITEKNIK NEGERI MALANG JURUSAN TEKNOLOGI INFORMASI



Jl. Soekarno Hatta No.9 Jatimulyo, Lowokwaru, Malang, 65141 Telp. (0341) 404424 – 404425, Fax (0341) 404420, http://www.polinema.ac.id



Masukkan tanggal transaksi yang ingin dicari (format: yyyy-MM-dd): 2024-03-01
Hasil Pencarian:
Saldo: 4000.0
Saldo Awal: 1000.0
Saldo Akhir: 5500.0
Tanggal Transaksi: 2024-03-01
Tipe: Deposit

PS C:\Users\HP> [