

# **LAPORAN PRAKTIKUM**

## **PEMROGRAMAN 2**



**Oleh:**

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**PRODI TEKNOLOGI INFORMASI**

**JURUSAN PENDIDIKAN TEKNIK ELEKTRONIKA DAN INFORMATIKA**

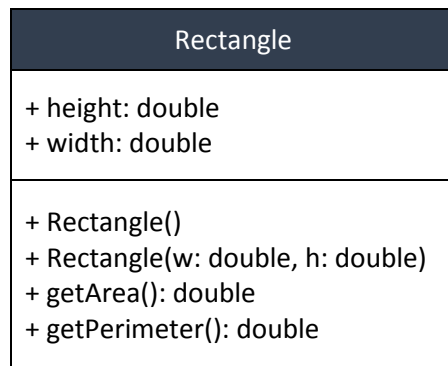
**FAKULTAS TEKNIK**

**UNIVERSITAS NEGERI YOGYAKARTA**

**2020**

## A. Soal 9.1

### 1. UML Diagram



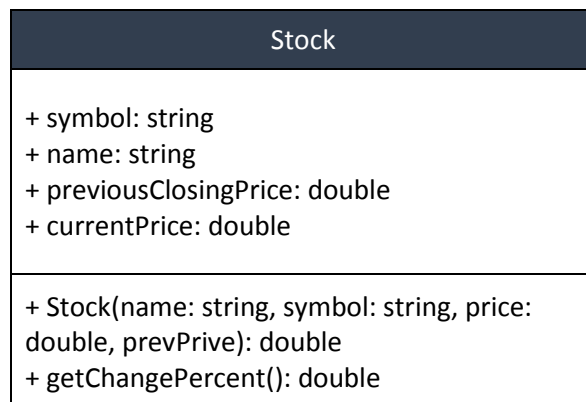
### 2. Run program

```
E:\SEKOLAH\UNY\Semester 2\PEMROGRAMAN 2\Week 2\9.1>java soal_9_1
-----
Rectangle 1
-----
Width = 4.00
Height = 40.00
Area = 160.00
Perimeter = 88.00

-----
Rectangle 2
-----
Width = 3.50
Height = 35.90
Area = 125.65
Perimeter = 78.80
```

## B. Soal 9.2

### 1. UML Diagram



### 2. Run program

```
E:\SEKOLAH\UNY\Semester 2\PEMROGRAMAN 2\Week 2\9.2>java soal_9_2
The price-change percentage is 0.44%
```

### C. Soal 9.3

1. UML Diagram

cobaDate
+ date: Date

2. Run program

```
E:\SEKOLAH\UNY\Semester 2\PEMROGRAMAN 2\Week 2\9.3>java soal_9_3
Thu Jan 01 07:00:10 ICT 1970
Thu Jan 01 07:01:40 ICT 1970
Thu Jan 01 07:16:40 ICT 1970
Thu Jan 01 09:46:40 ICT 1970
Fri Jan 02 10:46:40 ICT 1970
Mon Jan 12 20:46:40 ICT 1970
Mon Apr 27 00:46:40 ICT 1970
Sat Mar 03 16:46:40 ICT 1973
```

### D. Soal 9.7

1. UML Diagram

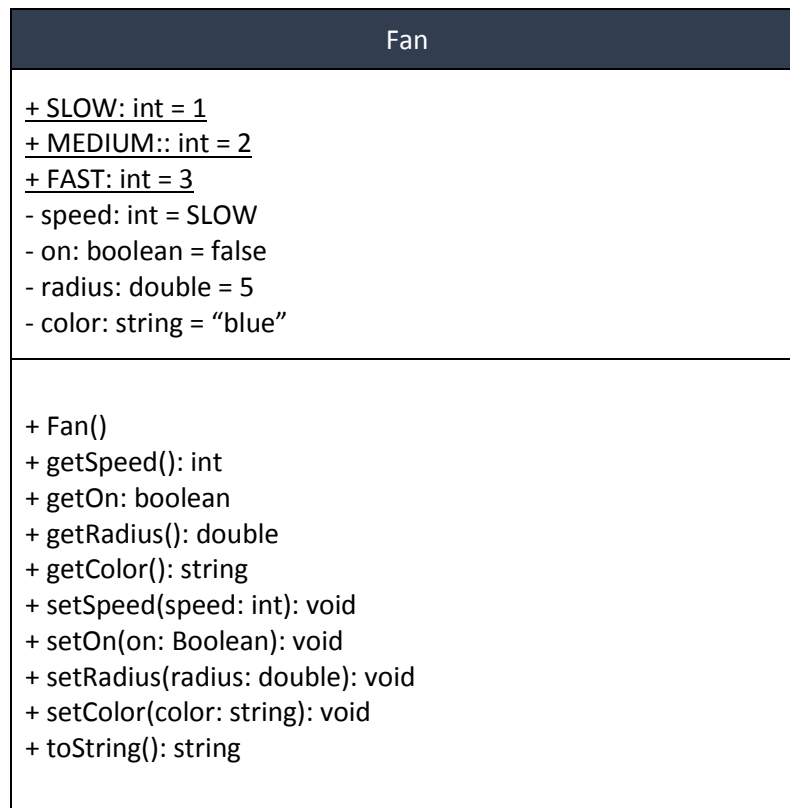
Account
- id: int - balance: double - annualInterestRate: double - dateCreated: Date
+ Account() + Account(id: int, balance: int) + getId(): int + getBalance(): double + getAnnualInterestRate(): double + getDateCreated(): Date + setId(id: int): void + setBalance(balance: double): void + setAnnualInterestRate(annualInterestRate: double): void + getMonthlyInterestRate(): double + getMonthlyInterest(): double + withdraw + deposit(total: double): void

## 2. Run program

```
E:\SEKOLAH\UNY\Semester 2\PEMROGRAMAN 2\Week 2\9.7>java soal_9_7
-----
YOUR ACCOUNT
-----
Balance: $20500.00
Monthly interest: 76.88
Date created: Wed Feb 12 00:03:53 ICT 2020
```

## E. Soal 9.8

### 1. UML Diagram



## 2. Run program

```
E:\SEKOLAH\UNY\Semester 2\PEMROGRAMAN 2\Week 2\9.8>java soal_9_8
The fan speed: 3 , color: yellow , radius: 10.0
The fan color: blue , radius: 5.0. Fan is off
```