NPM : 212310035

Nama : Adrian Adhari

Tugas Lab. Pemrograman Web

Pertemuan 1

1. Latihan-1

2. Latihan-2

3. Latihan-3

Oksigen mempunyai beberapa SIFAT FISIKA, diantaranya yang terdapat dalam table berikut:

Sifat Fisika	Oksigen
Massa atom relative	15,994
Nomor Atom	8
Konfigurasi electron	$2s^2 2p^4$
Jari-jari atom (nm)	0,074
Jari-jari X^{2-}(nm)	0,140
Keelectronegatifan	3,5
Energy ionisasi I (kJ/mol)	1316
Energy ionisasi II (kJ/mol)	3396
Kerapatan (g/cm^3)	1.27 (padatan)
Titik leleh (^{0}C)	+183
Titik beku (^{0}C)	-219
Potensial elektroda(V)	+0.401
$X_{2(g)} + 2e^+_{(aq)} 2X^-_{(aq)}$	-

4. Latihan-4

The 10 Most Popular Programming Languages to Learn in 2022

There's no question that software programming is a hot career right now. The U.S. Bureau of Labor Statistics projects 21 percent growth for programming jobs from 2018 to 2028, which is more than four times the average for all occupations. What's more, the median annual pay for a software programmer is about $106,000, which nearly three times the median pay for all U.S. workers

Not all programming jobs are the same, however. Different roles, companies, and types of software require knowing and understanding different programming languages—and it's often beneficial to know multiple languages. Trying to break into the field of software programming can be a daunting experience, especially for professionals with no prior programming experience.
The Master of Science in Computer Science Align program at Northeastern University is specifically designed for students who want to transition into computer science from another field of study.

"Our aim is to transport students from a variety of different backgrounds and have them come out as software engineers," says Ian Gorton, PhD and director of the graduate computer science programs at Northeastern University—Seattle. *"We focus on math, programming, and a variety of computer science and engineering concepts."*

Whether you're new to programming or looking to brush up on your skills, it helps to know which languages are in high demand. Here are 10 of the most popular programming languages of 2020 based on the number of job postings listed on job search site Indeed, the average annual salary for those jobs, and factors such as ease of use and potential for growth.

Top 10 Most Popular Programming Languages

1. Python
   Average annual salary: **$120.000**
2. JavaScript
   Average annual salary: **$118.000**
3. Java
   Average annual salary: **$104.000**
4. C#
   Average annual salary: **$97.000**
5. C
   Average annual salary: **$97.000**
6. C++
   Average annual salary: **$97.000**
7. Go
   Average annual salary: **$93.000**
8. R
   Average annual salary: **$93.000**
9. Swift
   Average annual salary: **$93.000**
10. PHP
    Average annual salary: **$81.000**

7 Other Programming Languages to Consider

- **Web-based** startups are more likely to be programming in **Python** and **JavaScript**.
- Larger companies tend to develop their internal software applications using C# or Java and their **Web applications using PHP**.
- Programs for data analytics typically use the **R** and **MATLAB** programming languages.
- *Embedded devices*, such as those in the automotive and healthcare industries, run software written in **C, C++, or Rust**.
- Applications that run on the cloud are increasingly written in **Go or Scala**.
- **Mobile applications** are increasingly written in Swift or Kotlin.

5. Latihan-5

Programming Language Base on Career

Front-end Web Development	Back-end Web Development	Mobile Development

JS JavaScript

JS JavaScript

JS JavaScript

Elm

Scala

Java Java

TS TypeScript

Go

Objective C

Ruby

Swift

Python

The 10 Most Popular Programming Languages to Learn in 2022

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List of programming languages

文A 50 languages ∨

6. Latihan-6

Top 10 Daftar Bahasa Pemrograman

Daftar isi:

- Python
- JavaScript
- Java
- C#
- C
- C++
- Go
- R
- Swift
- PHP

Python

Python adalah ...

JavaScript

JavaScript adalah ...

Java

Java adalah ...

C#

C# adalah ...

C

C adalah ...

C++

C++ adalah ...

Go

Go adalah ...

R

R adalah ...

Swift

Swift adalah ...

PHP

PHP adalah ...

Go to Latihan-4
Go to Latihan-5
Go to URL

7. Latihan-7

1. NPM :

[Fill NPM]

2. Fullname :

[Fill Fullname]

3. Email :

[Fill Email]

4. Password :

[Fill Password]

5. Place Birth :

[Fill Place Birth]

6. Birthdate

[dd / mm / yyyy 🗓]

7. Gender

○ Male
○ Female

8. Address

[Fill address]

[Save] [Clear]