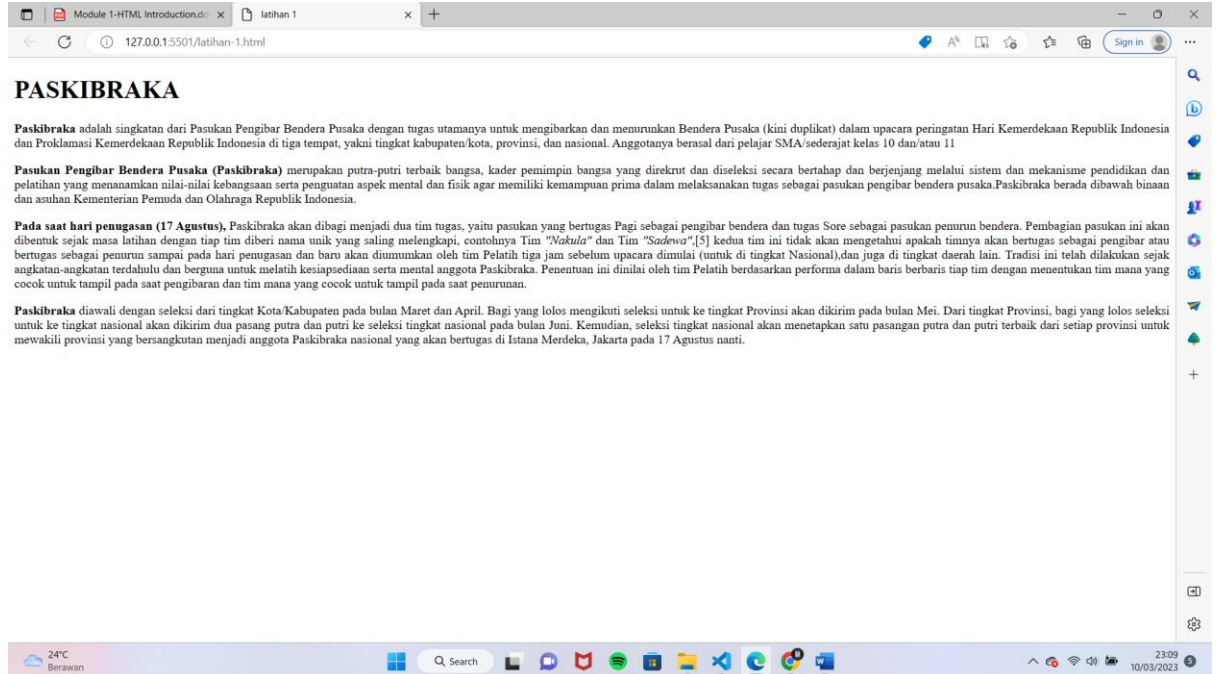


Nama : Dyas Tri Apriliansyah

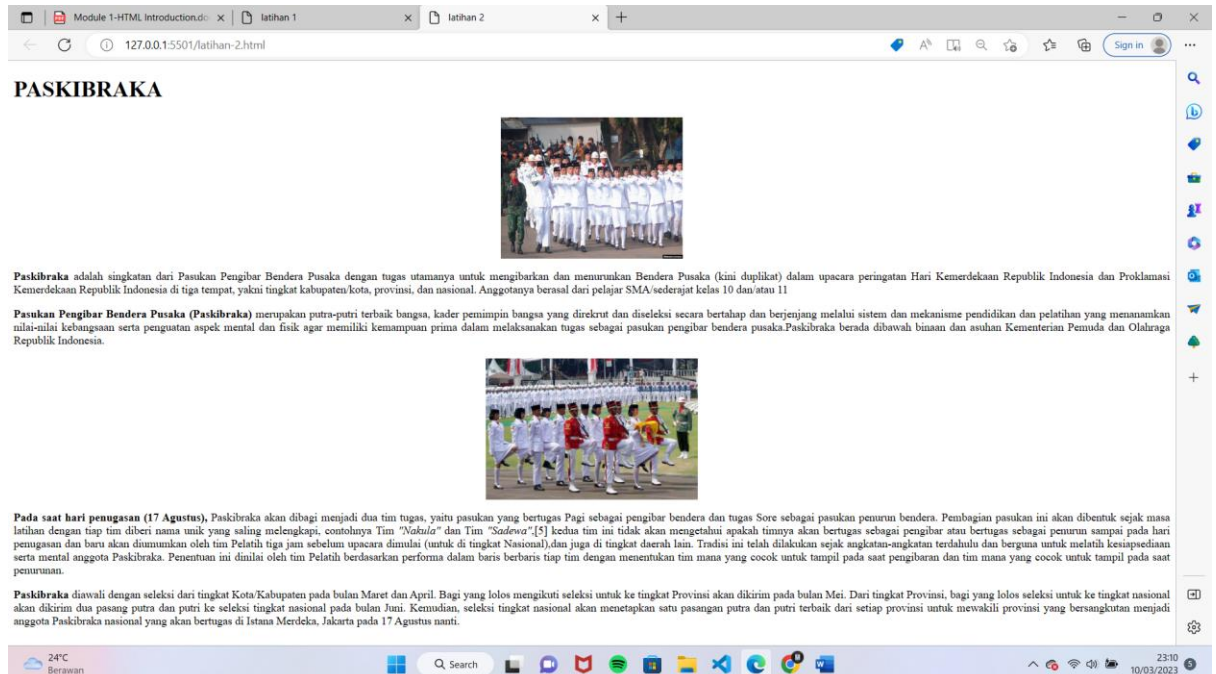
NPM : 212310015

Output Praktikum 1

1.



2.



3.

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

Sifat Kimia	Oksigen
Massa Atom Relative	15,994
Nomor atom	8
Konfigurasi Electron	2S ² 2p ⁴
Jari-jari atom	0.074
Jari-jari X ²	0.140
Keelectronegatifan	3,5
Energy ionisasi I (kJ/mol)	1316
Energy ionisasi II (kJ/mol)	3396
Kecepatan (g/cm ³)	1.27(padatan)
Titik leleh (°C)	+183
Titik Beku (°C)	-219
potensial elektroda (V)	+0.401
X ₂ (g) + 2e ⁺ (aq) → 2X _(ag)	-

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 [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 : **\$180,000**
3. Java
Average annual salary : **\$104,000**
4. C#
Average annual salary : **\$97,000**
5. C
Average annual salary : **\$97,000**

Module 1-HTML Introduction: x | latihan 1 x | latihan 2 x | latihan 3 x | latihan 4 x | +

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Top 10 Most Popular Programming Languages

1. Python
Average annual salary : \$120.000
2. JavaScript
Average annual salary : \$180.000
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**.

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5.

Module 1-HTML Introduction: x | latihan 1 x | latihan 2 x | latihan 3 x | latihan 4 x | latihan 5 x | +

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Programming Language Base on Career

Front-end Web Development	Back-end Web Development	Mobile Development
JavaScript Elm TypeScript	JavaScript Scala Go Ruby Python	JavaScript Java Objective C Swift

Top 10 Programming Language in 2022

The 10 Most Popular Programming Languages to Learn in 2022

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WIKIPEDIA
The Free Encyclopedia
 Coding
5 languages

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The screenshot shows a web browser with multiple tabs open. The active tab is displaying an article titled "The 10 Most Popular Programming Languages to Learn in 2022". The article text is partially visible, discussing the growth of programming jobs and the median annual pay for software programmers. A sidebar on the right lists various uses of programming, including computer science (computer programming, line coding, source coding, coding theory, channel coding) and other uses (coding for social sciences, DNA in molecular biology, legal coding, medical coding, and queer coding). The browser's address bar shows the URL "127.0.0.1:5501/latihan-5.html".

The 10 Most Popular Programming Languages to Learn in 2022

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Computer science

- [Computer programming](#), the process of creating and maintaining the source code of computer programs
- [Line coding](#), in data storage
- [Source coding](#), compression used in data transmission
- [Coding theory](#)
- [Channel coding](#), in coding theory

Other uses

- [Coding \(social sciences\)](#), an analytical process in which data are categorized for analysis
- [Coding strand](#) of DNA in molecular biology
- [Legal coding](#), the process of creating summary or keyword data from a document in the legal profession
- [Medical coding](#), representation of medical diagnoses and procedures in standard code numbers
- [Queer coding](#)

6.

The screenshot shows a web browser with multiple tabs open. The active tab is displaying an article titled "Top 10 Daftar Bahasa Pemrograman". The article lists the top 10 programming languages: Python, JavaScript, Java, C, C#, C++, Go, R, Swift, and PHP. Below the list, the article begins to describe Python, stating it is a general-purpose language used for applications, computer commands, and data analysis. The browser's address bar shows the URL "127.0.0.1:5501/latihan-6.html".

Top 10 Daftar Bahasa Pemrograman

Daftar Isi :

- [Python](#)
- [JavaScript](#)
- [Java](#)
- [C](#)
- [C#](#)
- [C++](#)
- [Go](#)
- [R](#)
- [Swift](#)
- [PHP](#)

Isi :

Python

Python Python adalah sebuah bahasa pemrograman yang digunakan untuk membuat aplikasi, perintah komputer, dan melakukan analisis data. Sebagai general-purpose language, Python bisa digunakan untuk membuat program apa saja dan menyelesaikan berbagai permasalahan. Selain itu, Python juga dinilai mudah untuk dipelajari. Namun, jangan salah, Python termasuk bahasa pemrograman tingkat tinggi. Mulai dari profesi back-end developer, IT, sampai data scientist, Python benar-benar menjadi pilihan favorit.

JavaScript

JavaScript, often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of websites use JavaScript on the client side for webpage behavior, often incorporating third-party libraries

Java

Module 1-HTML Intro x latihan 1 x latihan 2 x latihan 3 x latihan 4 x latihan 5 x latihan 6 x +

127.0.0.1:5501/latihan-6.html

C is a general-purpose computer programming language. It was created in the 1970s by Dennis Ritchie, and remains very widely used and influential. By design, C's features cleanly reflect the capabilities of the targeted CPUs

C#

C# is a general-purpose high-level programming language supporting multiple paradigms. C# encompasses static typing, strong typing, lexically scoped, imperative, declarative, functional, generic, object-oriented, and component-oriented programming disciplines.

C++

C++ is a high-level, general-purpose programming language created by Danish computer scientist Bjarne Stroustrup.

Go

Go is a statically typed, compiled high-level programming language designed at Google by Robert Griesemer, Rob Pike, and Ken Thompson. It is syntactically similar to C, but with memory safety, garbage collection, structural typing, and CSP-style concurrency

R

R is a programming language for statistical computing and graphics supported by the R Core Team and the R Foundation for Statistical Computing.

Swift

Swift is a high-level general-purpose, multi-paradigm, compiled programming language developed by Apple Inc. and the open-source community.

PHP

PHP is a general-purpose scripting language geared toward web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1993 and released in 1995. The PHP reference implementation is now produced by The PHP Group.

[Go To Latihan 4](#) [Go To Latihan 5 HTML](#)

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