

# Website Kalkulator Matematik (Segitiga)

## Preparations and Submission Details

- **The deadline** will be on Thursday in 2nd week at 23.59 (WIB)
- Link to submit the assignment [here](#) (will be opened on Wednesday week 2)

## Introduction

In this ten-day short course, you'll learn all about becoming a software engineer, including the career path possibilities. We'll also give you the opportunity to practice the main responsibilities of a software engineer as well!

Before you start...

1. Make sure you have downloaded **Visual Studio Code**, **Git** and have access to **Google Chrome**

## Mini Project Instructions

As Software Engineer, you are asked to create a website of **Kalkulator Matematik Segitiga** with a create a website using the design below:

### Ex: Page With Result

Welcome to Katik

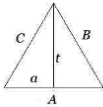
Hai Sobat, Selamat datang di Katik :)

Sebuah web apps sederhana yang berfungsi untuk menghitung nilai luas dan keliling bangun datar

Segitiga

Jajar Genjang

**Luas Segitiga**



Rumus Luas Segitiga yaitu :

$$L = \frac{1}{2} \times a \times t$$

Di mana :  
L = Luas  
a = Panjang Alas  
t = Tinggi

**Hitung Luas Segitiga**

90

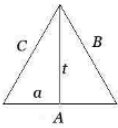
90

$L = \frac{1}{2} \times a \times t$   
 $L = \frac{1}{2} \times 90 \times 90$   
 $L = 4050$

Hitung

Reset

**Keliling Segitiga**



Rumus Keliling Segitiga yaitu :

$$K = S1 + S2 + S3$$

Di mana :  
K = Keliling  
S1 = Sisi A  
S2 = Sisi B  
S3 = Sisi C

**Hitung Keliling Segitiga**

10

10

10

$K = S1 + S2 + S3$   
 $K = 10 + 10 + 10$   
 $K = 30$

Hitung

Reset

**Ex : Page with No Result**

### Luas Segitiga



Rumus Luas Segitiga yaitu :

$$L = 1/2 \times a \times t$$

Di mana :  
L = Luas  
a = Panjang Alas  
t = Tinggi

### Hitung Luas Segitiga

Hitung

Reset

**Workflow:**

1. Design is only reference, you can improve for your own design but you must have the feature :
  - Hitung Luas & Keliling Segitiga
2. Validate Input Form Hitung Luas & Keliling
3. Create Logic For Hitung Luas & Keliling Segitiga with JavaScript
4. Luas Segitiga & Keliling Segitiga on the same page in web
5. Luas & Keliling result is display when submitted by button "Hitung"
6. Put css file inside of the css/ folder
7. Please only put only 1 css for the entirety of the project
8. Put javascript files inside the js/ folder
9. Please put only 1 javascript file for the entirety of the project
10. After finish your website, upload Source Code in [GitHub Classroom](#) and publish the website in [Github Pages](#)
11. Submit URL repository and published website through dedicated [Typeform submission](#) that will be opened on Wednesday week 2

**Mandatory pages (required) :**

1. index.html
2. style.css
3. script.js

Expected file structure:

✓ CSS

# style.css

✓ js

| JS script.js

<> index.html