

# Website Konversi Suhu

## 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 Suhu using the mockup design below:

Masukkan suhu derajat Celsius (°C) ke kotak dibawah, lalu klik tombol Konversi untuk mendapatkan hasil konversi dalam bentuk Fahrenheit (°F).

Celsius (°C):

  

Konversi   Reset   Reverse

Fahrenheit (°F):

  

Cara Kalkulasi:

  

[Fahrenheit ke Celsius](#)

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**Cara Konversi Dari Celsius (°C) ke Fahrenheit (°F)**

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Suhu  $S$  dalam derajat Fahrenheit (°F) sama dengan suhu  $S$  dalam derajat Celsius (°C) kali  $9/5$  tambah  $32$ .

$$S_{(°F)} = (S_{(°C)} \times 9/5) + 32$$

atau

$$S_{(°F)} = (S_{(°C)} \times 1.8) + 32$$

#### Workflow:

1. Design is only reference, you can improve for your own design but you must have the feature :
  - Form Temperature Input
  - Display Temperature Conversion (Celsius/Fahrenheit)
  - Explanation the Conversion Result
2. Validate Input Form Temperature
3. Create Logic For Conversion Calculation with JavaScript (Celsius & Fahrenheit)
4. Kalkulator Temperature and Hasil on the same page in web
5. Conversion Result is display on website when submitted "Konversi"
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

#### Expected file structure:

