# LU05.A11 - v-if, v-else ... combined with AND/OR operators

## **Prerequisites**

• Work type: Individual

• Means of aid: only teaching materials, no websearch, no use of ai.

• Timeframe: 20 Minutes

• Expected result: A Vue script that displays HTML elements based on input values.

## Learning objectives

- 1. Explaining the The directive *v-if* in your own word.
- 2. Being able to apply v-if in combination with AND/OR operators

#### Hint

- Use the following code-example since it provides you with the basic structure of a Vue file.
- Delete first of all the image, and then begin from the scratch to build up your program logic following the requirements of the assignment.
- To meet the requirements you will need an additional variable *hasAdult*, which is from type *bool*.

#### **Sourcecode**

Code-example

## **Assignment**

This assignment combines *-vif* with the using of local *AND/OR*-operators. That means that several rules must be obeyed in the if-clause.

- 1. People under the age of 12 are not allowed to go to the cinema.
- 2. Execute your script and check the result. Proceed only, if the result is correct.
- 3. Under 12 and with adult company they are allowed to up to 6 o'clock pm.
- 4. Execute your script and check the result. Proceed only, if the result is correct.
- 5. Between 12 and 16 they are allowed up to 6 o'clock pm, even without an adult company.
- 6. Execute your script and check the result. Proceed only, if the result is correct.
- 7. Between 12 and 16 they may attend to screenings if they are accompanied by an adult.
- 8. Execute your script and check the result. Proceed only, if the result is correct.
- 9. Person older than 16 may go to the cinemas without time restriction.

- 10. Execute your script and check the result. Proceed only, if the result is correct.
- 11. Comment and save your script your results accordingly.

## **Solution**

#### Lösung

# **Vocabulary**

English	German
afterwards	anschliessend
accordingly	entsprechend
to obey	folgen, gehorchen
requirement	Anforderung
to proceed	weitermachen



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