

# Welcome!

Here is a skill test to see if you fit our Junior developer requirements. Make sure to test your work and DO NOT plainly copy code from internet. Trust me, we'll know.

## Prepare

Before doing the test, please make sure to go through these resources. If you don't understand some of the topics covered in those resources, please make sure to invest time in learning them. It will help you a lot when doing the Junior test

### **Khan Academy**

**<https://www.khanacademy.org/>**

You can join as a student so we can track your progress and propose some additional courses  
You can do that by visiting: [khanacademy.org/coaches](https://www.khanacademy.org/coaches) and entering 3 2DDEH i n the "Add a coach" section

[HTML, CSS](#) - Free, interactive and good for basics

[HTML, JavaScript](#) - Free, interactive and even includes jQuery

**PHP the right way** <http://www.phptherightway.com/>

# Assignments

Hello!

We are happy our company took your attention, however it is not the only thing we are expecting from you. We have created a trial for you, to prove your bravery.

## General requirements:

**PHP:** ^7.0, plain classes, no frameworks, OOP approach

**jQuery:** optional

**jQuery-UI:** prohibited

**Bootstrap** - optional

**SASS** - advantage

**MySQL 5.6** - obligatory

Task description:

The expected outcome is 2 separate pages for:

- 1) product list
- 2) product add

1. Product list should list all existing product and details, like:

- a. **SKU** (unique for each product)
- b. **Name**
- c. **Price**

Also each product type has special attribute, which we expect you would be able to display as well (one of based on type):

- a. Size (in MB) for *DVD-disc*
- b. Weight (in Kg) for *Book*
- c. Dimensions (HxWxL) for *Furniture*

*An advantage* would be implementation of the optional feature: mass *delete* action, implemented as checkboxes next to each product.

Here is an example of product list page:

Product List

Mass Delete Action Apply

<input type="checkbox"/> JVC200123 Acme DISC 100 \$ Size: 700 MB	<input type="checkbox"/> JVC200123 Acme DISC 100 \$ Size: 700 MB	<input type="checkbox"/> JVC200123 Acme DISC 100 \$ Size: 700 MB	<input type="checkbox"/> JVC200123 Acme DISC 100 \$ Size: 700 MB
<input type="checkbox"/> GGWP0007 War and Peace 20.00 \$ Weight: 2 KG	<input type="checkbox"/> GGWP0007 War and Peace 20.00 \$ Weight: 2 KG	<input type="checkbox"/> GGWP0007 War and Peace 20.00 \$ Weight: 2 KG	<input type="checkbox"/> GGWP0007 War and Peace 20.00 \$ Weight: 2 KG
<input type="checkbox"/> TR120555 Chair 40.00 \$ Dimension: 24x45x15	<input type="checkbox"/> TR120555 Chair 40.00 \$ Dimension: 24x45x15	<input type="checkbox"/> TR120555 Chair 40.00 \$ Dimension: 24x45x15	<input type="checkbox"/> TR120555 Chair 40.00 \$ Dimension: 24x45x15

2. Product add page should display a form, with following fields

- SKU
- Name
- Price
- Type switcher (buttons for each type)
- Special attribute [please note: the form should be dynamically changed when type is switched]

*Additional note:* Special attribute should have a description with helpful information, related to its type ex.: "Please provide dimensions in HxWxL format", when type: Furniture is selected.

*Additional requirement:* all fields are mandatory for submission.

*An advantage* would be fields value (or format whether suitable) validation.

Here is an example of product add page:

Product New

http://www.scandiweb.com/product/new

## Product Add

Save

SKU

Name

Price

Type Switcher

The form should be dynamically changed when type is switched

Size   
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor

Height   
Width   
Length   
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor

Weight   
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor

Special attribute should have a description with helpful information, related to its type ex.: "Please provide dimensions in HxWxL format", when type: Furniture is selected.

**Main point of this task is to test code standards, code commenting and understanding of OOP.**