# Process flow

Intro.html 🡪 introd.css, introm.css

🡪 examend.css, examenm.css

Examen.html

🡺 examen.js

examen.xml 🡪 examen.xsl

## Examen.js

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| --- | --- |
| Onload | Onsubmit |
| 1. Read xml 2. Read xsl 3. Load & display options from xml 4. Load solutions from xml 5. Start & display timer | 1. Check if all questions answered. If not, focus 1st unanswered question 2. Stop timer 3. Get user answers from form and place them in xml 4. Correct (v1 were evaluate functions, now v2 are score functions) answers vs solutions. Calculate score 5. Display elapsed time, attained score & xml xformed by xsl 6. Block further answering |

## Features

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| Extras | Givens |
| 1. Focus automatically on 1st unanswered question 2. TEXT: accept any Upper and lower case answer in text type 3. SELECT: display null default option in select type 4. MULTIPLE: enable toggle click selection on multiple select, no need for Ctrl key 5. RADIO & CHECKBOX: enable selection on label click for radio and checkbox types 6. XPath used for titles 7. Reduced code: same function for (select and multiple) and for (radio and checkbox) | 1. Responsive design 2. Code indented in indented branch 3. Code minified in master branch 4. Code validated for both branches 5. CSS totally separated from html and from xsl 6. 2 additional simple transformations offered    1. Question, options and solutions indexes    2. Question, options identifying correct ones, ready for answers and correction 7. XPath used for options |