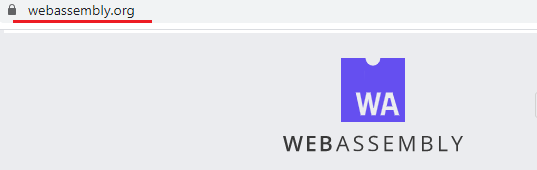
Лекция 29

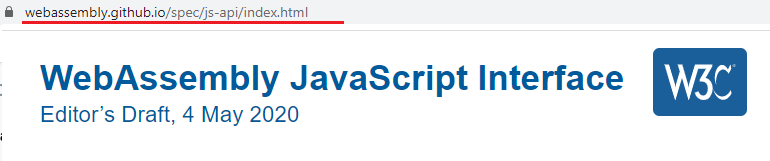
ПСКП

ПОИТ-3

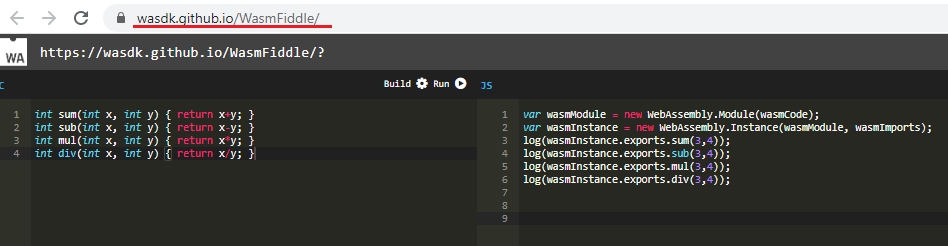
**WebAssembly (WASM) в Node.js**

1. **WASM: WebAssembly** –бинарный формат исполняемого файла, который может исполняться в JavaScript Engine (виртуальная стековая машина).
2. **WASM:** код быстрее, чем JS; поддерживается большинством браузеров; выполняется в sandbox; есть отладчики; открытый стандарт.
3. **WASM:**

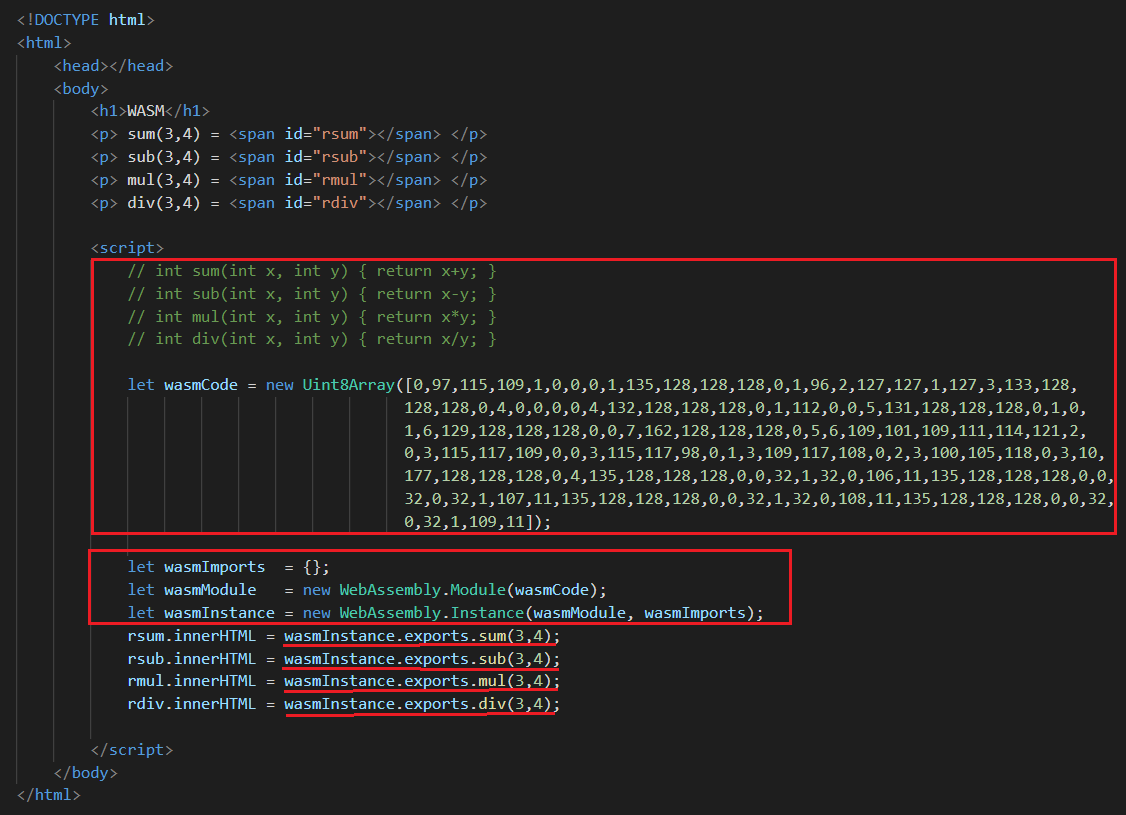


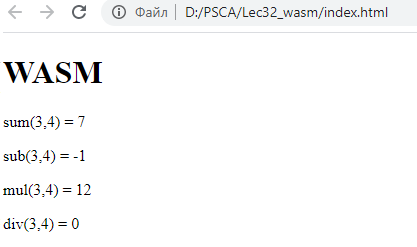
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1. **WASM: WasmFiddle**

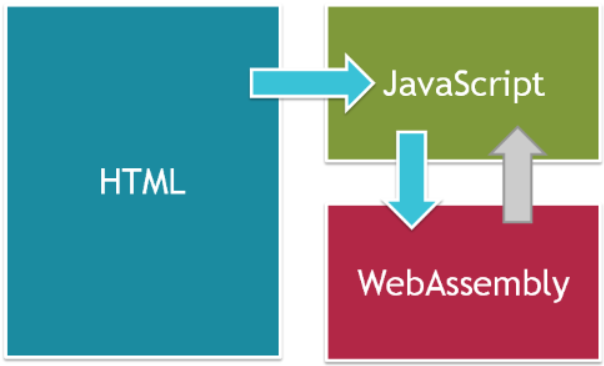
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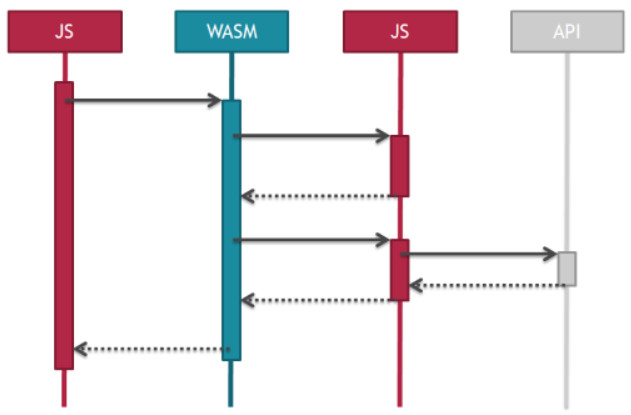
1. **WASM: WASM/Browser**

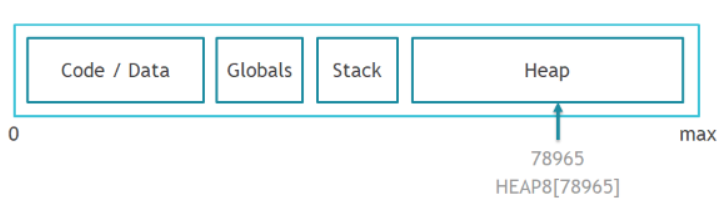
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1. **WASM: WASM/Browser**

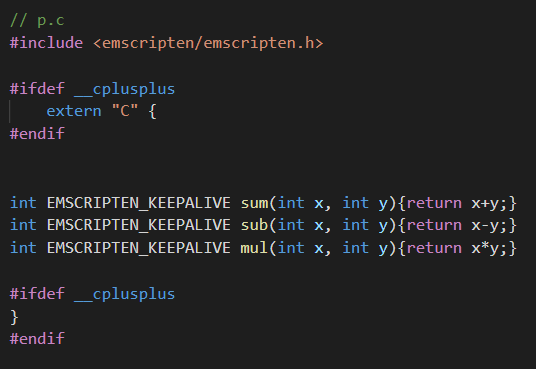
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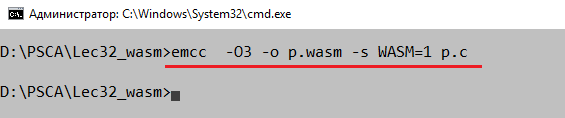
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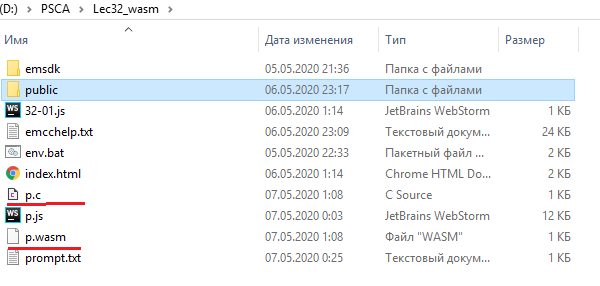
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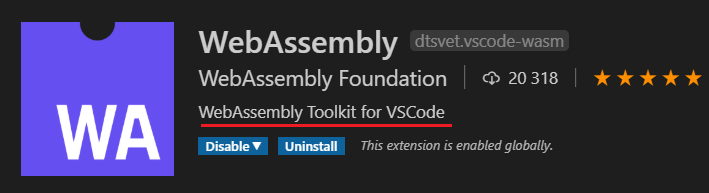
1. **WASM:** emcc – компилятор с->wasm, wasm

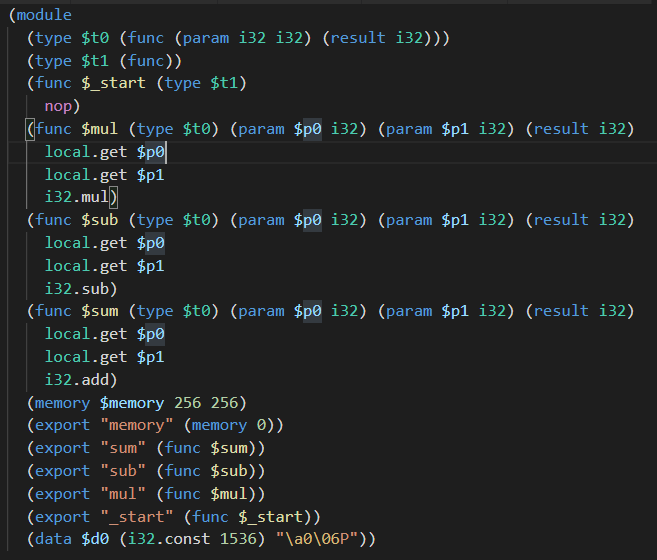
установка emcc <https://emscripten.org/docs/getting_started/downloads.html>



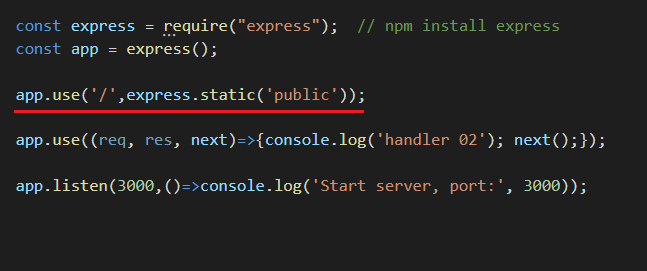
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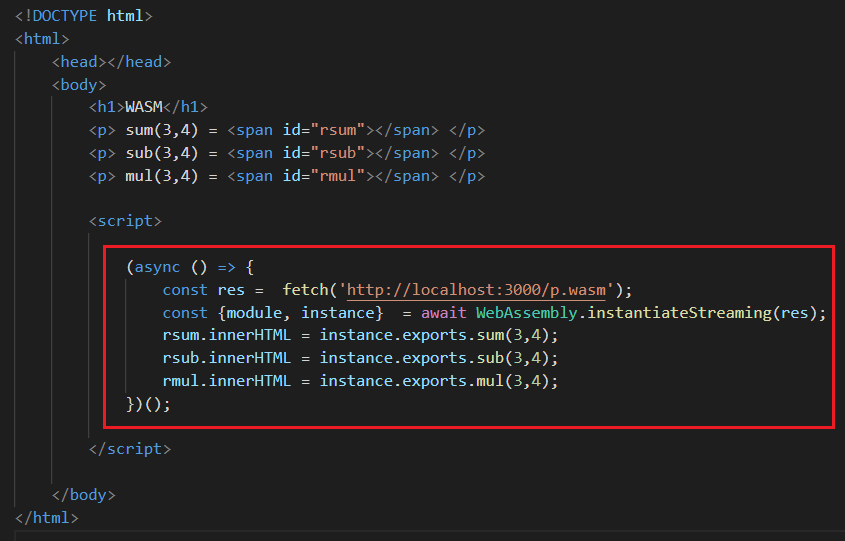
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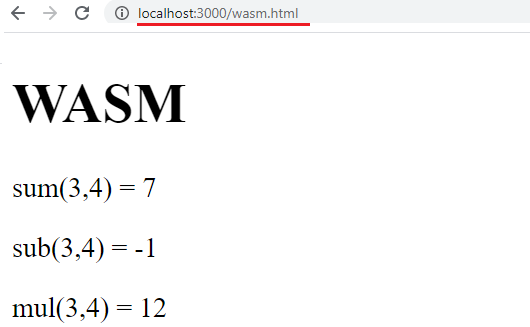
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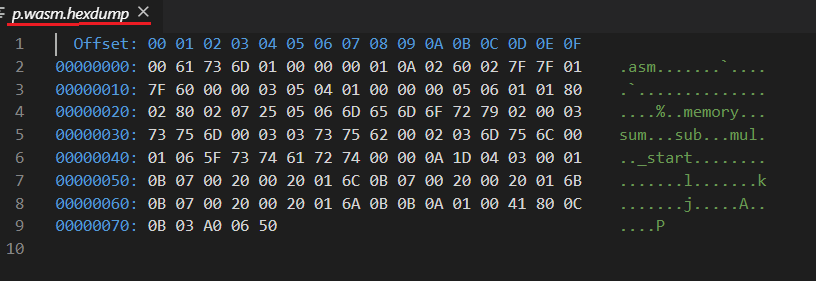
1. **WASM:** node**/**browser, wasm, js, fetch

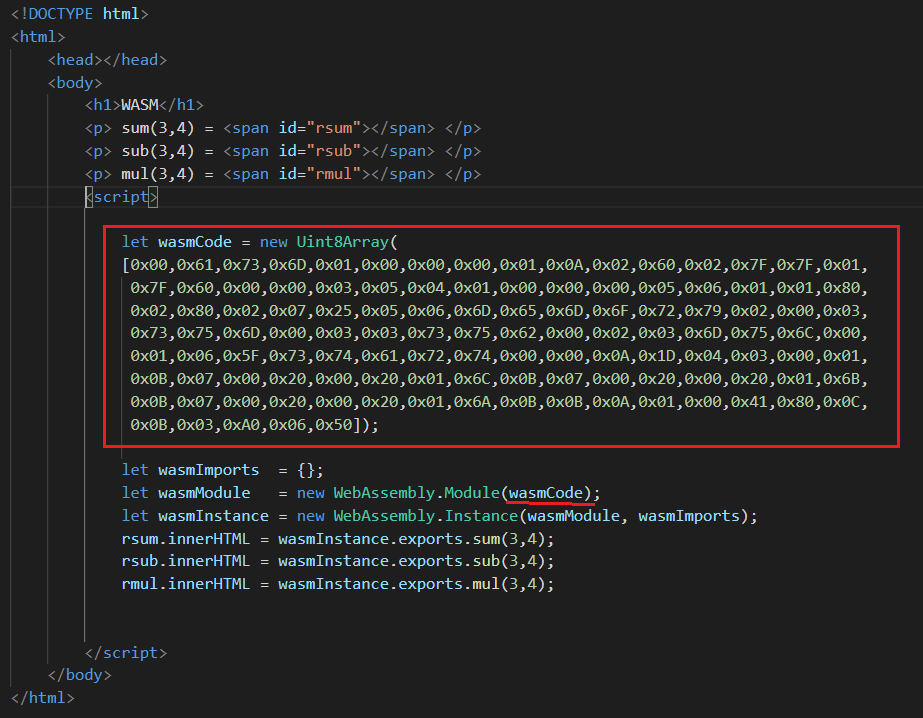


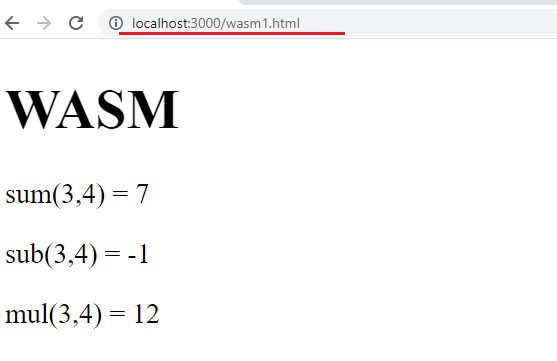
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1. **WASM:** browser, wasm, js, Unit8Array

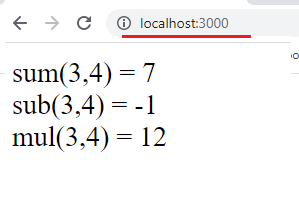
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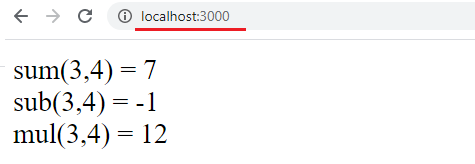
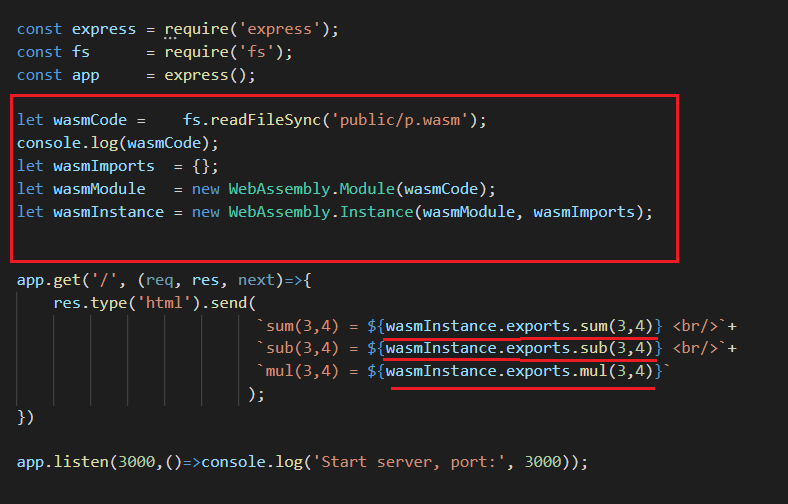
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1. **WASM:** node.js, wasm, Unit8Array

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1. **WASM:** node.js, wasm, fs

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1. **WASM:**
2. **WASM:**
3. **WASM:**
4. **WASM:**

<https://habr.com/ru/post/446764/>

<https://habr.com/ru/post/342180/>

<https://wasdk.github.io/WasmFiddle/>

<https://developers.google.com/web/updates/2018/04/loading-wasm>

<https://emscripten.org/docs/index.html>

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17. **WASM:**