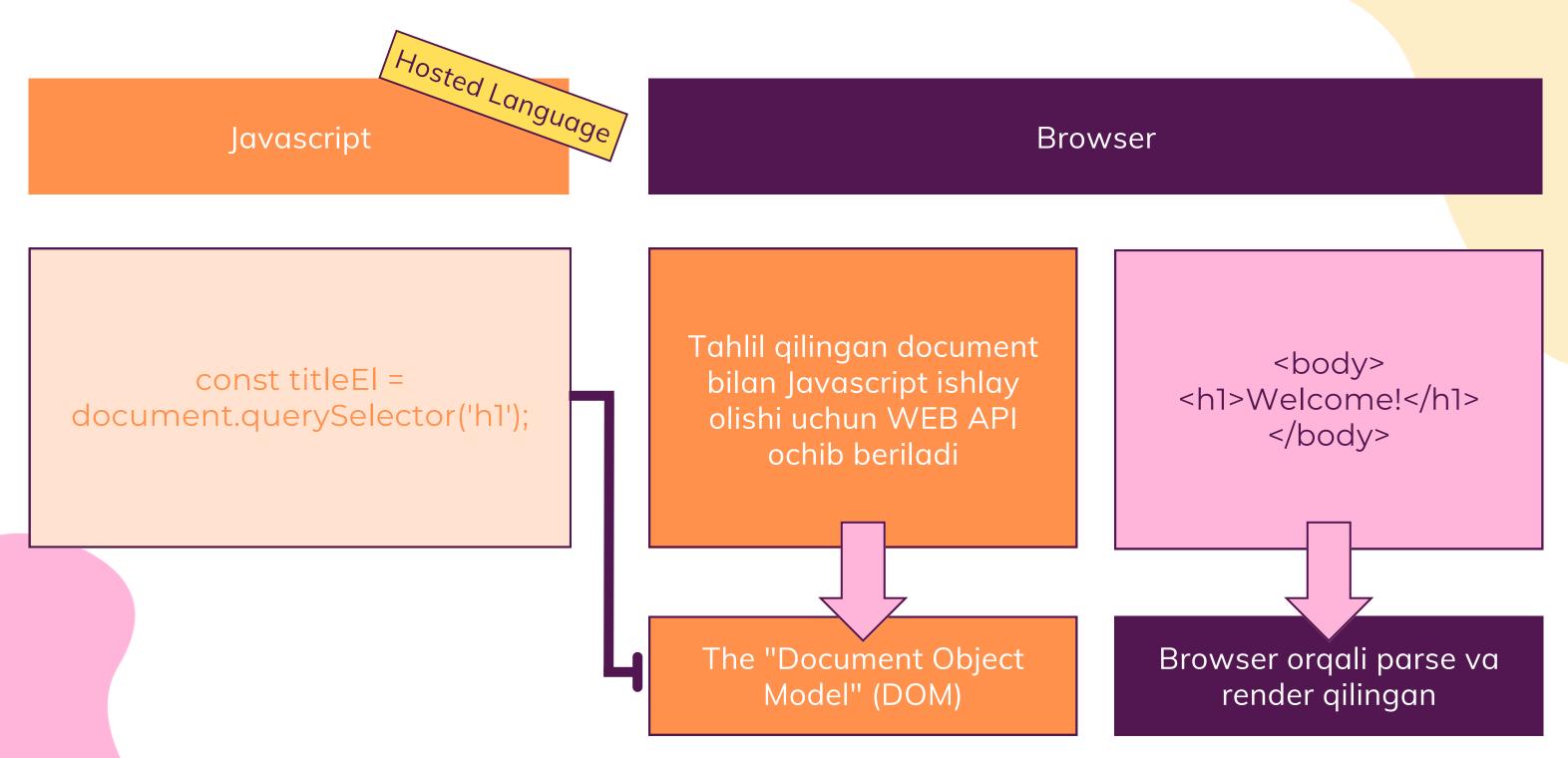


THE "DOCUMENT OBJECT MODEL" (DOM)



DOM faqat Browser'larga bog'lanib qolmagan! HTML'ni tahlil qiladigan (parse) boshqa asboblar (tools) ham bor

DOCUMENT VS WINDOW

document

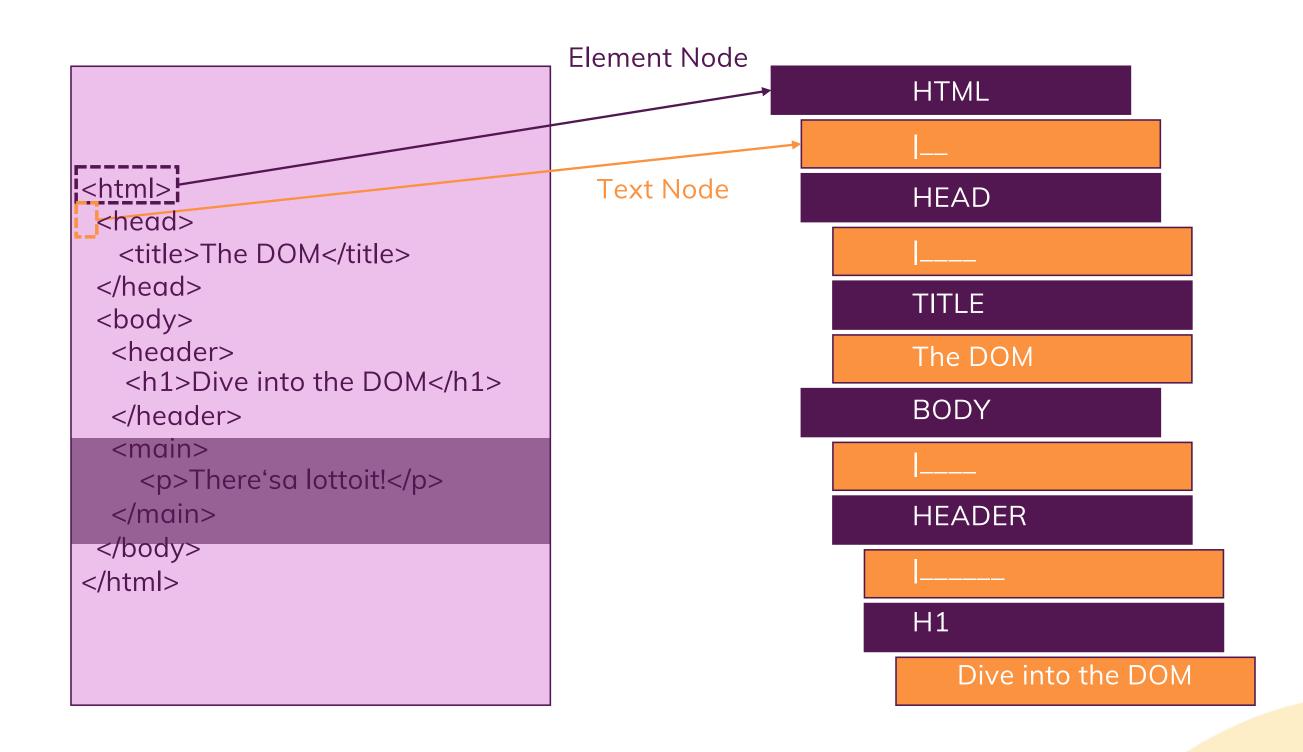
window

DOM Node ildizi

Aktiv Browser Window/Tab

DOM elementlari bilan muloqot qila olishni ta'minlaydi Script uchun global xotira vazifasini bajaradi, yana window-maxsus metod va qiymatlar bilan ta'minlaydi

DOM CREATION



NODES & ELEMENTS

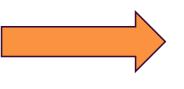
Nodes

DOM'ni hosil qiluvchi obyektlar

HTML **tag**'lar "element nodes" (yoki shunchaki "elements")

Text "text nodes" ni yaratadi

Attribute'lar "attribute nodes"ni yaratadi



Elements ham nodes ning bir turi

Elements

Element'lar bilan muloqot qila oladigan maxsus metodlar va qiymatlar

Metodlar va qiymatlar borligi element'ga bog'liq

JavaScript orqali bir qancha yo'llar bilan tanlash mumkin

JavaScript orqali yaratish va o'chirish mumkin

QUERYING ELEMENTS

querySelector(), getElementById()

Bitta element qaytaradi

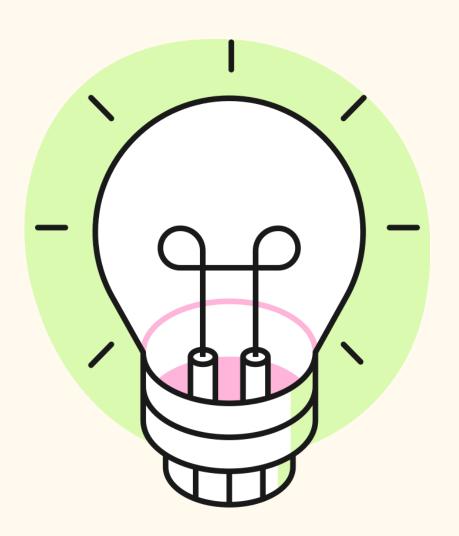
Element tanlashning bir qancha yo'llari (css selektori, id orqali)

DOM elementiga to'g'ridan-to'g'ri havola qaytariladi querySelectorAll(), getElementsByTagName(), ...

Element'lar jamlanmasini qaytaradi (array'ga o'xshash obyektlar): NodeList

Elementlarni tanlashning turli usullari (CSS selektori, teg nomi, CSS klassi bo'yicha)

querySelectorAll() jonli bo'lmagan NodeList'ni qaytaradi, getXByY esa jonli NodeList qaytaradi



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XULOSA

- 1. The "Document Object Model" (DOM)
- 2. Document vs Window
- 3. Document and Window object
- 4. DOM yaralishi
- 5. Nodes & Elements
- 6. DOM'dan element'larni tanlash
- 7. Node tanlash metodlari