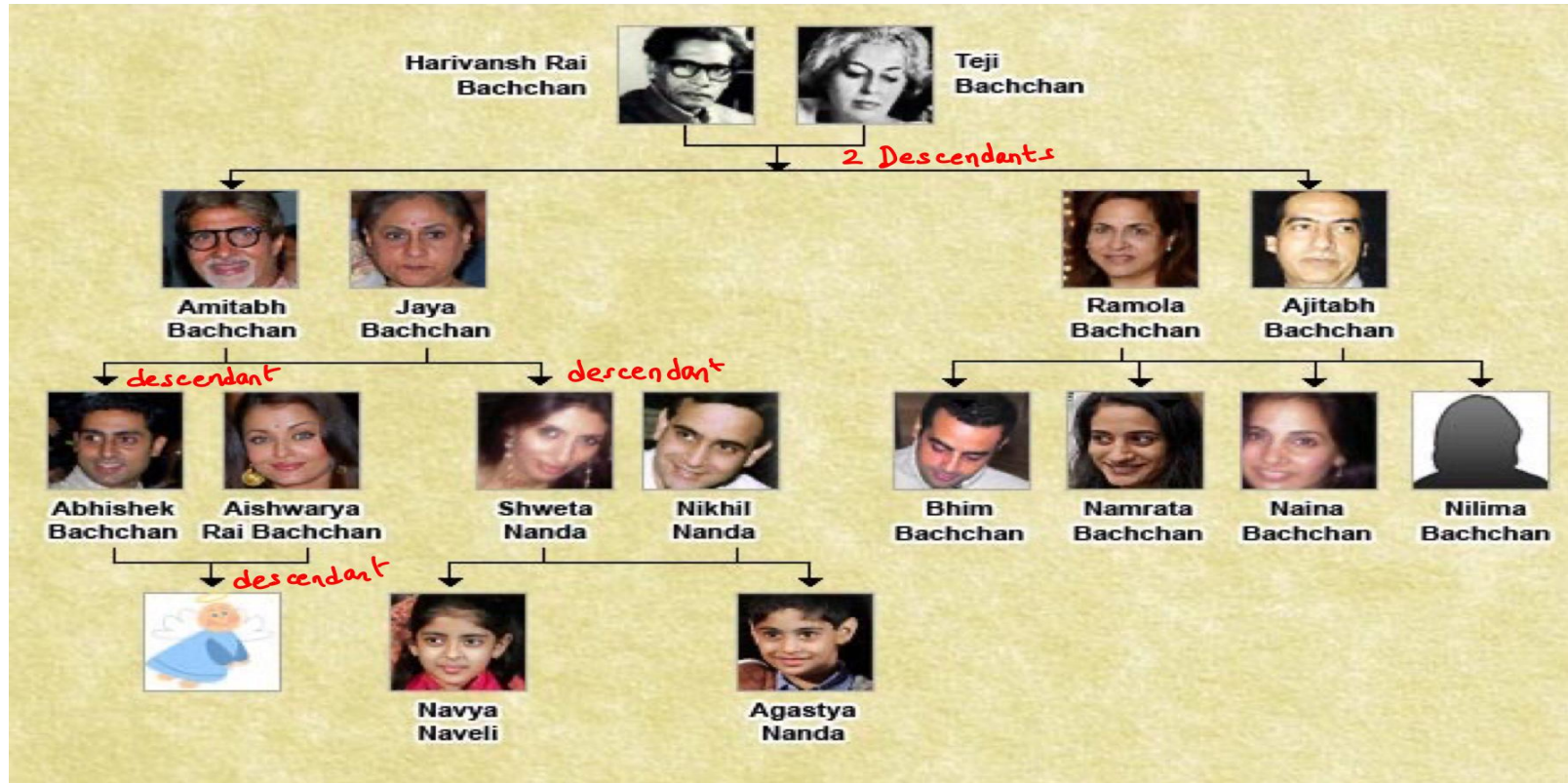# HTML CSS

Combinators

HTML Combinators

There are four different combinators in CSS:
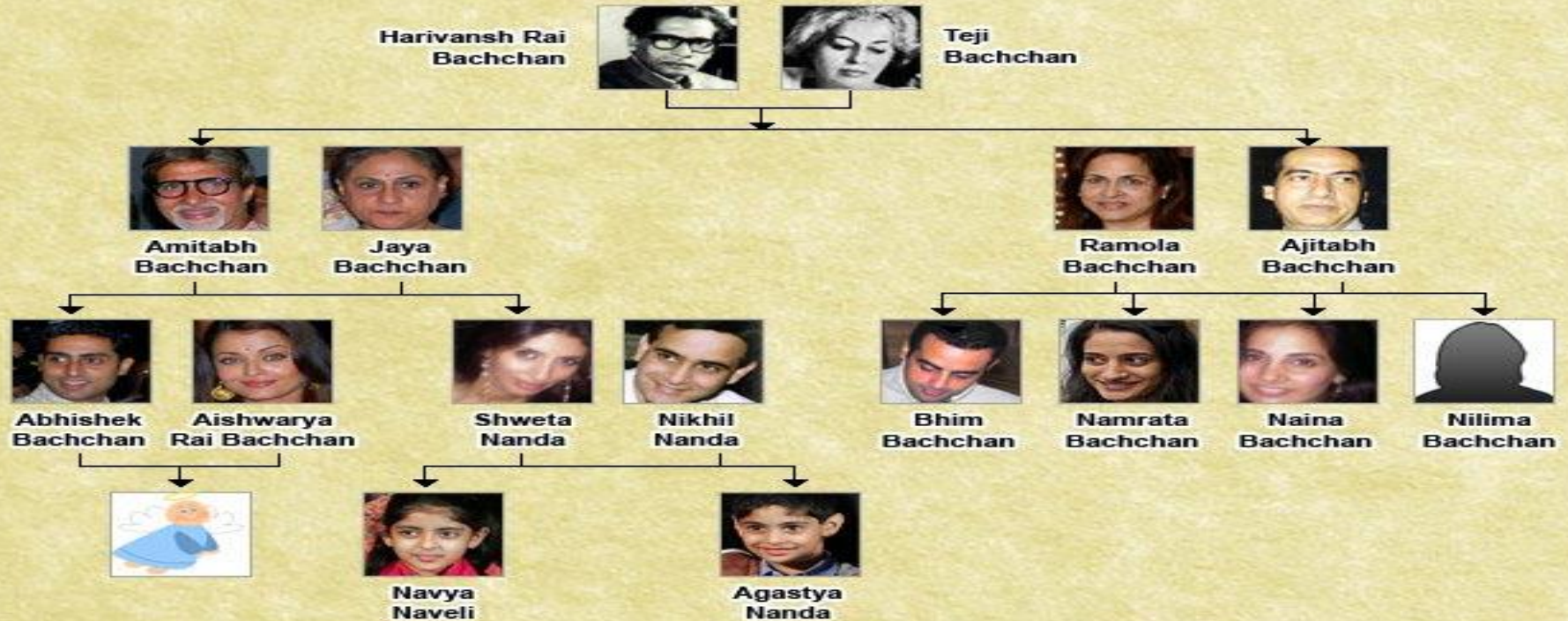
- descendant selector (space)
- child selector (>)
- general sibling selector (~)
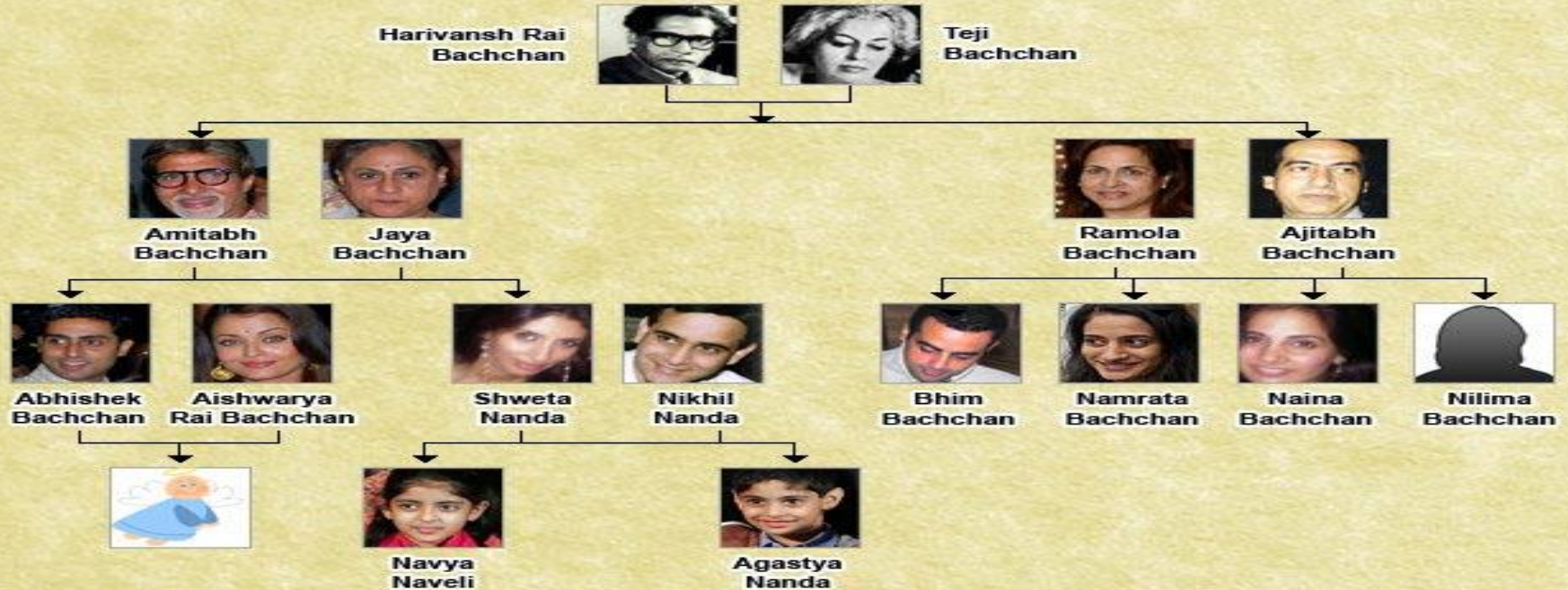- adjacent sibling selector (+)

Descendant Selector

body

div — h1, p, img, h2

p → strong — Descendant

h2 → 0 Descendants

div → ul → li, li, li — Descendants, Descendant

Child Selector (>)

The Bachchan Family Tree

Harivansh Rai Bachchan — Teji Bachchan

Amitabh Bachchan — Jaya Bachchan

Ramola Bachchan — Ajitabh Bachchan

Abhishek Bachchan — Aishwarya Rai Bachchan

Shweta Nanda — Nikhil Nanda

Bhim Bachchan

Namrata Bachchan

Naina Bachchan

Nilima Bachchan

Navya Naveli

Agastya Nanda

General Sibling Selector (~)

Adjacent Sibling Selector (+)

The Bachchan Family Tree
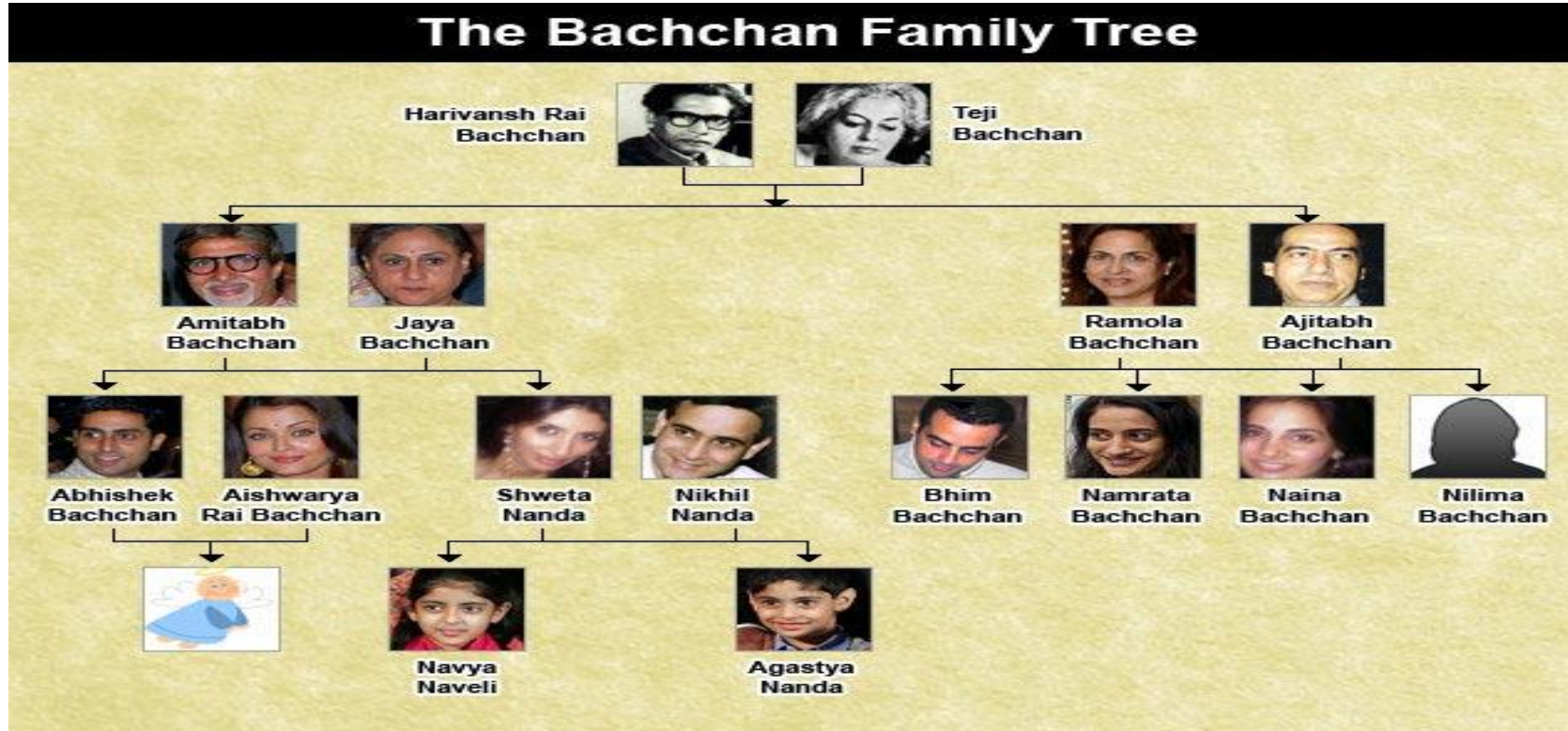
Child & Descendant Combinators

Child Combinator

>

selector1 > selector2

Descendant Combinator

space

selector1   selector2

Sibling Combinators

Adjacent Sibling

+

selector1 + selector2

General Sibling

~

selector1 ~ selector2

Selector	Example	Example description
element element	div p	Selects all <p> elements inside <div> elements
element>element	div > p	Selects all <p> elements where the parent is a <div> element
element+element	div + p	Selects the first <p> element that are placed immediately after <div> elements
element1~element2	p ~ ul	Selects every element that are preceded by a <p> element

Inheritance

Inherited	Non Inherited
color	border
text-align	margin
font-size	padding

More Selectors

Multiple Selectors

,

selector1, selector2

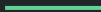# More Selectors

Attribute Selector

[]

[attr=value]

Pseudo Classes

selector:pseudo-class

- :hover
- :focus
- :disabled
- :nth-child

Pseudo Elements

selector::pseudo-element

- ::first-line
- ::first-letter
- ::after
- ::before