1. Given the following prototype

HTML5 Semantics and Flexbox
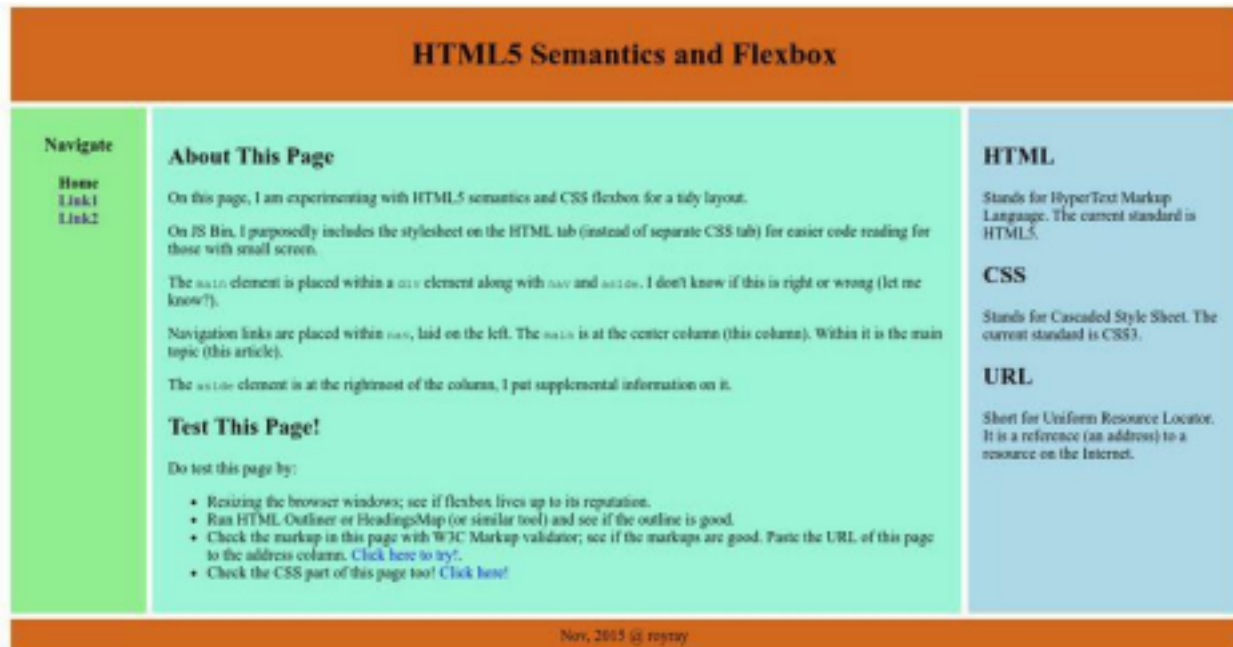
a. Read more about HTML semantic tags and define the page (is not necessary to apply styles yet, only have a readable structure)

b. Add all the metadata that you thing is required

c. Add a base for all the links and set the default opening type to blank

d. The title should be "Exercise 1"

e. Do research and add a default icon for the page

2. Using colspan, rowspan and all the table tags that you know, replicate the following tables a.

Heading	Students	Details		
	Id	Name	Department	Roll Number
Student List	1	Victor	Computer Science	12345
	2	Williams	Electronics	23456
	3	Harry	Electrical	34567
	4	Rick	Civil	45678

b.

Ian's Timetable

		Morning			lunch	afternoon				evening		
		9-10 am	10-11 am	11-12 am	1-2 pm	2-3 pm	3-4 pm	4-5 pm	5-6 pm	6-7 pm	7-8 pm	8-9 pm
Work	Monday	Development Meeting				Client Meeting			commute	Free		
	Tuesday	in Office				in Office						
Lecture	Wednesday	CSC205				preparation						
	Thursday	MAM200				Tutorials for MAM200			Free			
Research	Friday	Research				Research						

c.

Day	Seminar		
	Schedule		Topic
	Begin	End	
Monday	8:00 a.m.	5:00 p.m.	Introduction to XML
			Validity: DTD and Relax NG
Tuesday	8:00 a.m.	11:00 a.m.	XPath
	11:00 a.m.	2:00 p.m.	
	2:00 p.m.	5:00 p.m.	XSL Transformations
Wednesday	8:00 a.m.	12:00 p.m.	XSL Formatting Objects

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3. Using HTML create the following form:

Reservation Request

General Information

Arrival date: `12/39/2016`   Arrival date is invalid.

Nights: `three`   Nights must be a number.

Adults: `1 ▼`

Children: `0 ▼`

Preferences

Room type: ⦿ Standard ○ Business ○ Suite

Bed type: ⦿ King ○ Double Double

☐ Smoking

Contact Information

Name: ` `   Name is required.

Email: `graceyahoo.com`   Email address is invalid.

Phone: `123-456-789`   Phone number is invalid.

`Submit Reservation`   `Clear`

a. Use the proper inputs and also fieldsets to get a similar structure (Styles are not required this time)

b. Use default HTML input validations and apply for all the fields with red messages

c. On submit, save all the information into localstorage and clear the form

4. Using the information stored in exercise 3, create a table to display all the information

General Information				Preferences			Contact Information			Actions
Arrival date	Nights	Adults	Children	Room Type	Bed Type	Smoking	Name	Email	Phone	
23/05/2022	2	1	0	Standard	King	🚭	Juan Perez	Juan@gmail.com	76543210	Remove
24/05/2022	5	2	1	Suite	King	🚬	Pedro Rodriguez	pedro@gmail.com	76543211	Remove

a. Follow the previous mock up and display all the information that you have stored b. Use 2 different images to display the smoking preferences

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c. Add a remove action, if is clicked display a confirm prompt, if is confirmed, remove the row from the page and from the storage