## **Day 1 Lab Assignments**

- Design the following sample home page using the following main layout for Desktop (and make sure that it's completely <u>responsive</u>):
  - You can use your old home page layout (In JS labs or html labs)
    instead of the following image if you like)
  - Pay more attention for layout, not of the content.
  - Make your page fully responsive (use viewport meta tag).
  - **DON'T** use tables in you layout, use divs & spans (or new HTML 5 structural elements), with CSS instead.
  - Use <u>flexbox</u> instead of floating.
  - Try flex wrap properties, to make sure that the columns will appear below each other in the small size.
  - Make your images, Videos responsive.
  - **Don't** use media queries, use the default action of flex box (The left bar its size will only decrease on its place).





- Use Media query and CSS breakpoints in your website layout on normal laptops and PCs, tablets and smart phones (as shown in the prev. image):
  - You can use your old home page layout (In JS labs or html labs) instead of the following image if you like)
  - Design the tablet view, and hide the left column on tablet size and make the middle part fill the width. (Use media queries on CSS file and breakpoints).
  - When you <u>hide the left column, make it appear as row</u> (width 100%) above or below (as shown in above image for tablet view).
  - Design the mobile view <u>hide banner image and left column</u> (Use media queries on CSS file and breakpoints).







- Use grid layout with your CV page design, and make sure that it's completely responsive (use viewport meta tag):
  - Change the middle content in the given image to be full-page width.
  - Use <u>16 columns</u> layout.
  - Set box-sizing property.
  - Use Viewport units with the font size for text in the header (Name), and maxwidth with the image.
  - Use float property or flexbox.
  - Use **flex** instead of float (**Bonus**).
  - What are the differences between custom grid layout, and CSS display: grid?(**Bonus**).
    - Use CSS grid, instead of Custom grid (Bonus).(https://www.w3schools.com/css/css\_grid.asp).
  - Change the header image in tablet and mobile view (Use picture tag).



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#### From My Blog



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#### My Skills

Personal assistant skills

Office skills / administration

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#### About Me

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## **Bonus Assignments:**

- What are the differences between custom grid layout, and CSS display: grid?
  <a href="https://www.w3schools.com/css/css">https://www.w3schools.com/css/css</a> grid.asp
- Use column-based design to design the following template:



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## **EDUCATION**

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## **ACHIEVEMENTS**

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# **WORK EXPERIENCE**

Name of Company Name of Company WORKPLACE

2005 - 20092005 - 2009 Name of Company WORKPLACE

WORKPLACE

2005 - 2009

Name of Company

2005 - 2009

CONTACT	LANGUAGES	SKILLS	HOBBIES
Michigan, Mi	English	Grophic Design	Mountain biking
€ +1 123 456 7899	German	Web Design	Hidrig Factball Movies
info@hioom.com	Spanish	Typography	

- Redo the same design using "Mostly fluid" and "Off-canvas" RWD pattern, and try different RWD patterns generally.
- What're CSS frameworks? Search for different frameworks and list their features, and differences between them?
- What're CSS pre-processor? Search for different frameworks and list their features, and differences between them.
- What's BEM? Explain using demo.
- What's material design? Explain using demo.

<Thank>YOU </Thank>