

Web Programming: Assignment 1

Instructions:

- The aim of this assignment is to give you an initial hands-on regarding CSS and HTML.
- Any **copying from the internet or peers is strictly prohibited** and will lead to severe penalties.
- Upload your coding assignments on 'Git' and share the link along with your source code files on GCR.
- Submit your files with **proper numbering of questions** on GCR.

Question 1:

In this question you must build a one-page basic resume by using HTML and CSS. You must include an external CSS file name style.css. [30]

Your resume should include the following:

- Your name in the heading of the page.
- Your university email id.
- Your education.
- Work experience (if any).
- List of your key skills.
- A list of your personal projects.
- Your display photo.

Sample resume is here:

[First Name]
[Surname]

Experience
[Dates From]-[To]
[Job Title] • [Job Position] • [Company Name]
[Dates From]-[To]
[Job Title] • [Job Position] • [Company Name]
[Dates From]-[To]
[Job Title] • [Job Position] • [Company Name]
[This is the place for a brief summary of your key responsibilities and most stellar accomplishments.]

Education
[School Name], [City, State]
• [You might want to include your GPA here and a brief summary of relevant coursework, awards, and honors.]

Communication
[You delivered that big presentation to rave reviews. Don't be shy about it now! This is the place to show how well you work and play with others.]

Leadership
[Are you president of your fraternity, head of the condo board, or a team lead for your favorite charity? You're a natural leader—tell it like it is!]

References
[Available upon request.]

Contact
[Your Address]
[City, ST ZIP Code]
[Your Phone]
[Your Email]
[Your Website]

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Question 2:

Your task is to design a cross-browser compatible, responsive layout using CSS for browsing catalogue of a freelancing platform. Screenshots are given below for illustration. [30]

(courtesy: <https://www.peopleperhour.com/>)

Note: You must include an external CSS file name style.css.

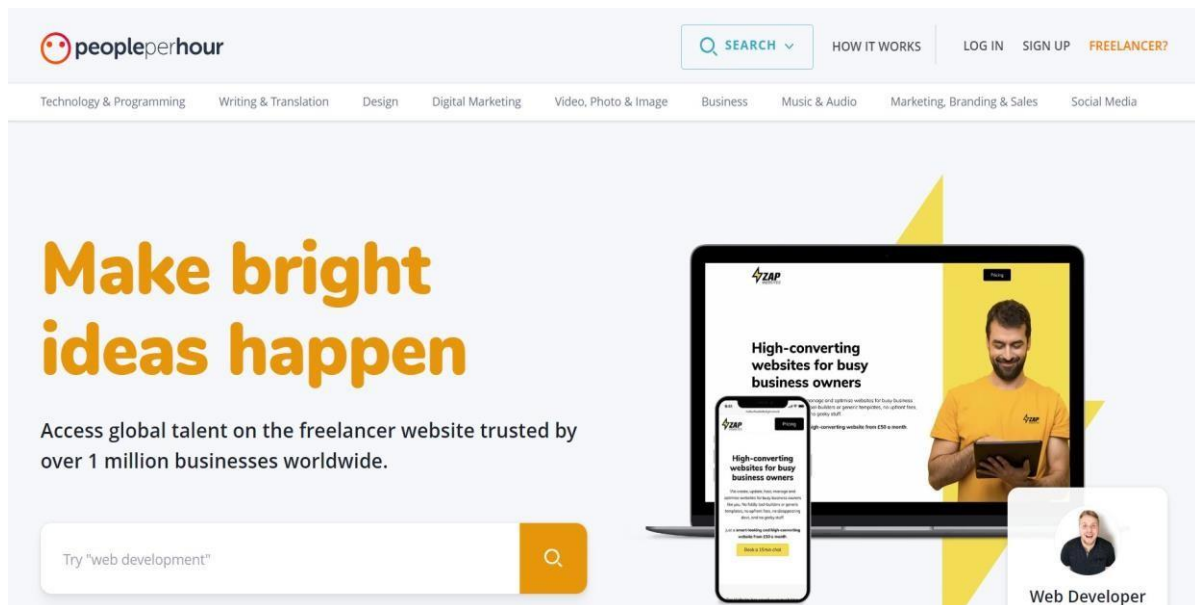


Fig 1: Desktop screen layout

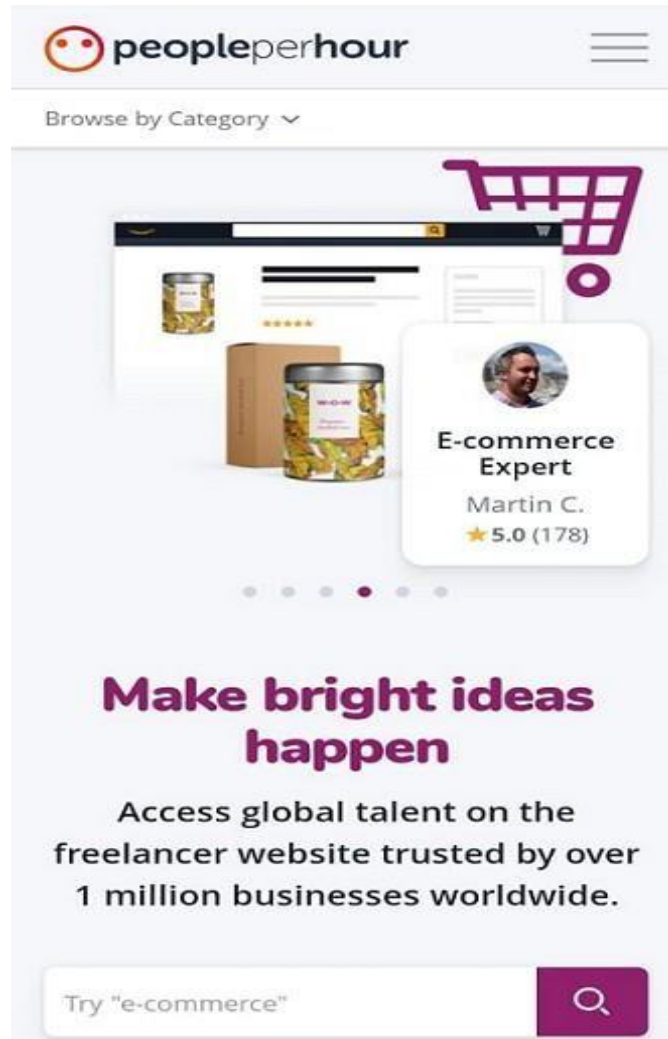


Fig 2: Mobile screen layout

Question 3:

Study and explore the applications ‘KASB KTrade’ and ‘Investify’. Write about their system design, API architecture, approaches to scalability, and software architecture. Additionally, evaluate the strengths and weaknesses of their software system designs. Give proper references of facts and figures in your document. Sharing your personal experience when using the application is a bonus point [40]