# Project 1 – Hints, Guidelines, Best Practices and common weaknesses

## Structure

* always have your starting page in the root directory of your project and name it index.html
* create separate folders for /css, /images, /fonts and /pages to include further content

An ideal project structure therefore looks like this:

css

* style.css

fonts *(optional)*

* fontname.ttf

images

* image1.jpg
* …

pages

* gallery.html
* contact.html
* news.html
* …

index.html

* Put your project folder directly in the root of your cloud9 repository and name it project1
* ensure the file extension of html files is .html not .html
* Don’t under any circumstances include special characters or spaces in file names, use only lowercase letters, \_ , numbers and dots. Consider renaming files which don’t meet these requirements
* Target pictures with relative links if they are are on the server (e.g. ./img/picture.jpg)
* Only use relative links related to the actual file you want the picture to be added (don’t use e.g. /project1/img/picture.jpg).
* Use absolute links only if the pictures are hosted somewhere else in the internet (e.g. <http://google.com/images/picture.jpg>)
* Use a single css file for all your pages

## Code

* Ensure images are linked properly otherwise a tiny icon shows that the image cannot be loaded. Ideally use a alt= attribute to show a text instead in such an occation :  
  <img src=’image.jpg’ alt=’cannot load picture’ />
* For positioning consider using padding and margin rather than making multiple line breaks, <br>
* Make sure text on your page is easily readable (colorful or contrast-rich backgrounds can often handicap that).

## Content

* Ensure you include special content to show your css skills, e.g.:
  + Custom Fonts
  + Gradients
  + Text-Gradients
  + Shadows
  + Mouse overs
  + Half-transparent backgrounds
  + Rounded corners
* Compact large image files to the targeted resolution, otherwise loading times will be very high. You can use a tool like Photoshop for that, even paint works. Or you can browse the internet and find online converters
* Hint for getting full score:
  + First focus that you have all required elements included
  + Second focus on the overall design of your website. Make it look good and impress me with your skills!