

ASSIGNMENT(LAB-9)

This application is based on converting Euros to Indian currency.

(a)The application consists of two pages: the first page has a text field for entering Euros value and a get conversion button .Then it navigates to the second page.



WELCOME.....!!!

Enter Euros:

Euros

get conversion



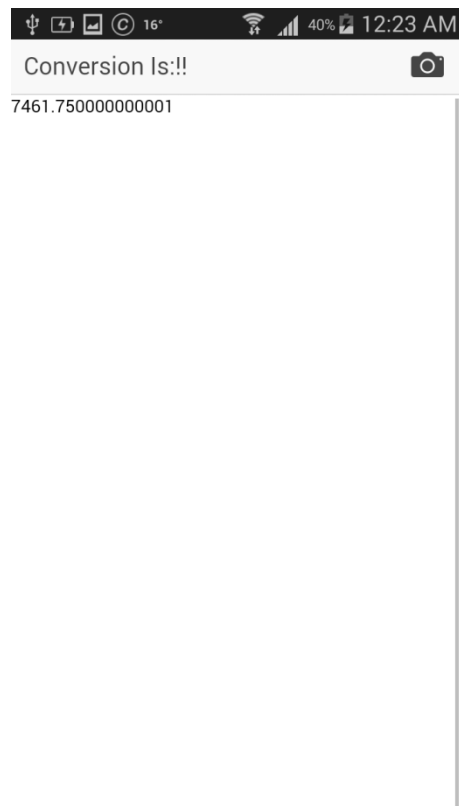
WELCOME.....!!!

Enter Euros:

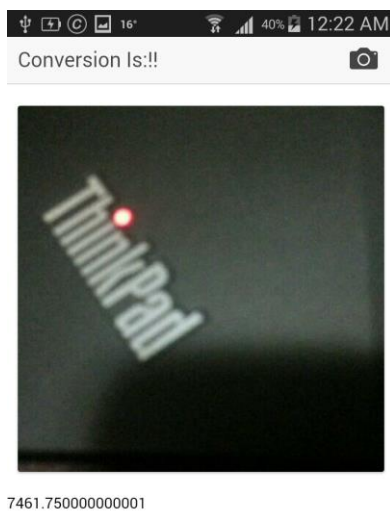
100

get conversion

(b) After first page it navigates to the second page, where Euros get converted to Indian rupees and displayed on the screen with a camera plug in . This is an extension of lab8.



(c) In the second navigated page camera plug in helps for taking a picture when user uses the application.



II) Yslow

Yslow is to analyse the performance of html pages.

(a) Yslow for html page one :

chrome-extension://ninejcohidippngpapiilnmkgilmakh/yslow.html#1

Home | Grade | Components | Statistics | Rulesets: YSlow(V2) | Edit | Help

Grade B Overall performance score 82 Ruleset applied: YSlow(V2) URL: http://localhost:8100/#/

ALL (23) FILTER BY: CONTENT (6) | COOKIE (2) | CSS (6) | IMAGES (2) | JAVASCRIPT (4) | SERVER (6)

A Make fewer HTTP requests

- F Use a Content Delivery Network (CDN)
- A Avoid empty src or href
- F Add Expires headers
- F Compress components with gzip
- A Put CSS at top
- B Put JavaScript at bottom
- A Avoid CSS expressions
- n/a Make JavaScript and CSS external
- A Reduce DNS lookups
- C Minify JavaScript and CSS
- A Avoid URL redirects
- A Remove duplicate JavaScript and CSS
- A Configure entity tags (ETags)
- A Make AJAX cacheable
- A Use GET for AJAX requests
- A Reduce the number of DOM elements
- A Avoid HTTP 404 (Not Found) error
- A Reduce cookie size
- A Use cookie-free domains
- A Avoid AlphaImageLoader filter
- A Do not scale images in HTML

Grade A on Make fewer HTTP requests

This page has 5 external Javascript scripts. Try combining them into one.

Decreasing the number of components on a page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Some ways to reduce the number of components include: combine files, combine multiple scripts into one script, combine multiple CSS files into one style sheet, and use CSS Sprites and image maps.

[Read More](#)

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(b) Y slow for html page two:

chrome-extension://ninejcohidippngpapiilnmkgilmakh/yslow.html#1

Home | Grade | Components | Statistics | Rulesets: YSlow(V2) | Edit | Help

Grade B Overall performance score 82 Ruleset applied: YSlow(V2) URL: http://localhost:8100/#/home

ALL (23) FILTER BY: CONTENT (6) | COOKIE (2) | CSS (6) | IMAGES (2) | JAVASCRIPT (4) | SERVER (6)

A Make fewer HTTP requests

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