```
Mini Project 01 - IMDB wec scraping
[1]
      library(tidyverse)
      library(rvest) # scrape data from website
      {...}
       ▶ 0.1s
       url <- "https://www.imdb.com/search/title/?groups=top_100&sort=user_rating,desc"</pre>
[5]
       # read_html
       imdb <- read_html(url)</pre>
       imdb
       {html_document}
       <html xmlns:og="http://ogp.me/ns#" xmlns:fb="http://www.facebook.com/2008/fbml">
       [1] <head>\n<meta http-equiv="Content-Type" content="text/html; charset=UTF-8 ...
       [2] <body id="styleguide-v2" class="fixed">\n <img height="1" widt ...
[10]
      # movie title
      titles <- imdb %>%
           html_nodes("h3.lister-item-header") %>%
           html_text2()
[11]
      titles[1:10]
       '1. The Shawshank Redemption (1994)' · '2. The Godfather (1972)' · '3. The Dark Knight (2008)' · '4. Schindler\'s List (1993)' ·
       '5. The Lord of the Rings: The Return of the King (2003)' · '6. The Godfather Part II (1974)' · '7. 12 Angry Men (1957)' · '8. Pulp Fiction (1994)' ·
       '9. The Lord of the Rings: The Fellowship of the Ring (2001)' · '10. Inception (2010)'
[21]
       # rating
       ratings <- imdb %>%
       html_nodes("div.ratings-imdb-rating") %>%
       html_text2() %>%
       as.numeric()
[20]
       # number of votes
       num_votes <- imdb %>%
           html_nodes("p.sort-num_votes-visible") %>%
           html_text2()
[25]
       # build a dataset
       df <- data.frame(</pre>
           title = titles,
           rating = ratings,
           num_vote = num_votes
       head(df)
```

## A data.frame: 6 × 3

A data.mame. 6 A 6			
	title	rating	num_vote
	<chr></chr>	<dbl></dbl>	<chr></chr>
1	1. The Shawshank Redemption (1994)	9.3	Votes: 2,702,956   Gross: \$28.34M   Top 250: #1
2	2. The Godfather (1972)	9.2	Votes: 1,876,645   Gross: \$134.97M   Top 250: #2
3	3. The Dark Knight (2008)	9.0	Votes: 2,676,781   Gross: \$534.86M   Top 250: #3
4	4. Schindler's List (1993)	9.0	Votes: 1,366,252   Gross: \$96.90M   Top 250: #6
5	5. The Lord of the Rings: The Return of the King (2003)	9.0	Votes: 1,861,122   Gross: \$377.85M   Top 250: #7
6	6. The Godfather Part II (1974)	9.0	Votes: 1,281,988   Gross: \$57.30M   Top 250: #4