

XML/JSON Data Processing

ITC5202 - Project

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Submission Date

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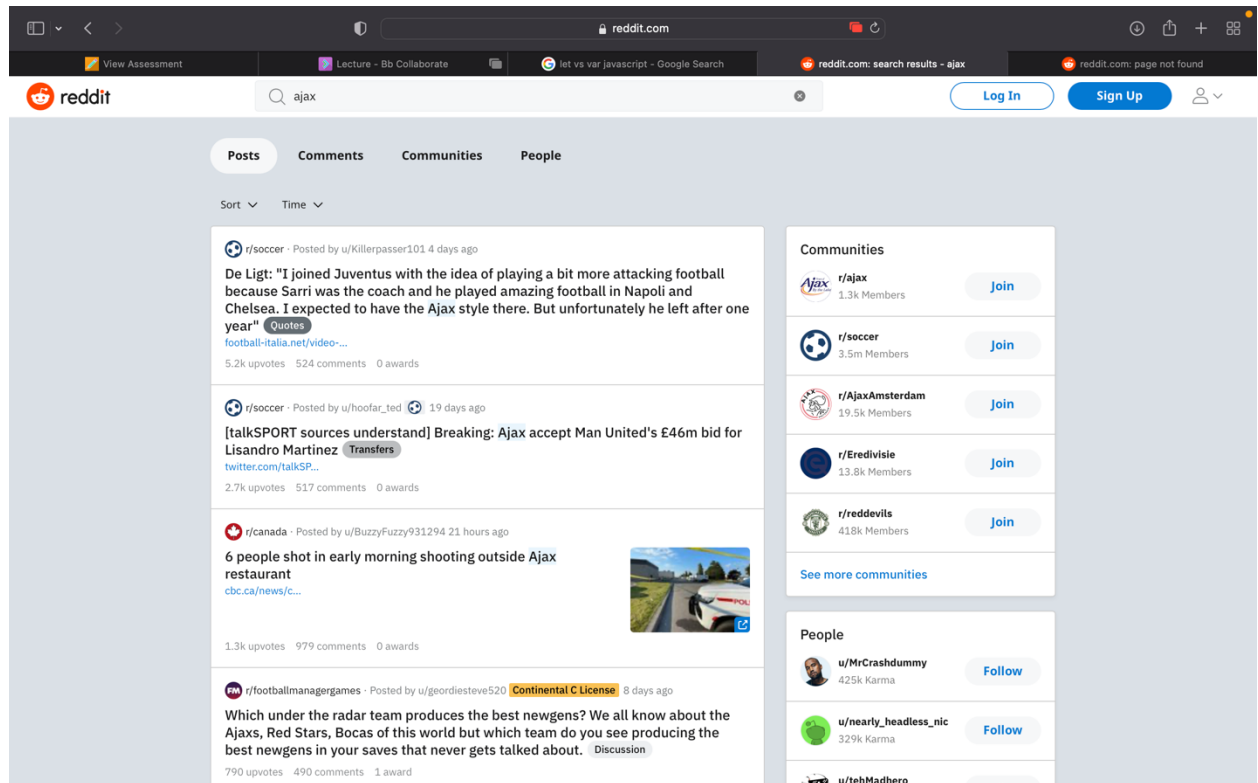
Step 1

Step 1 Part A:-

Explore searching on reddit api : search functionality

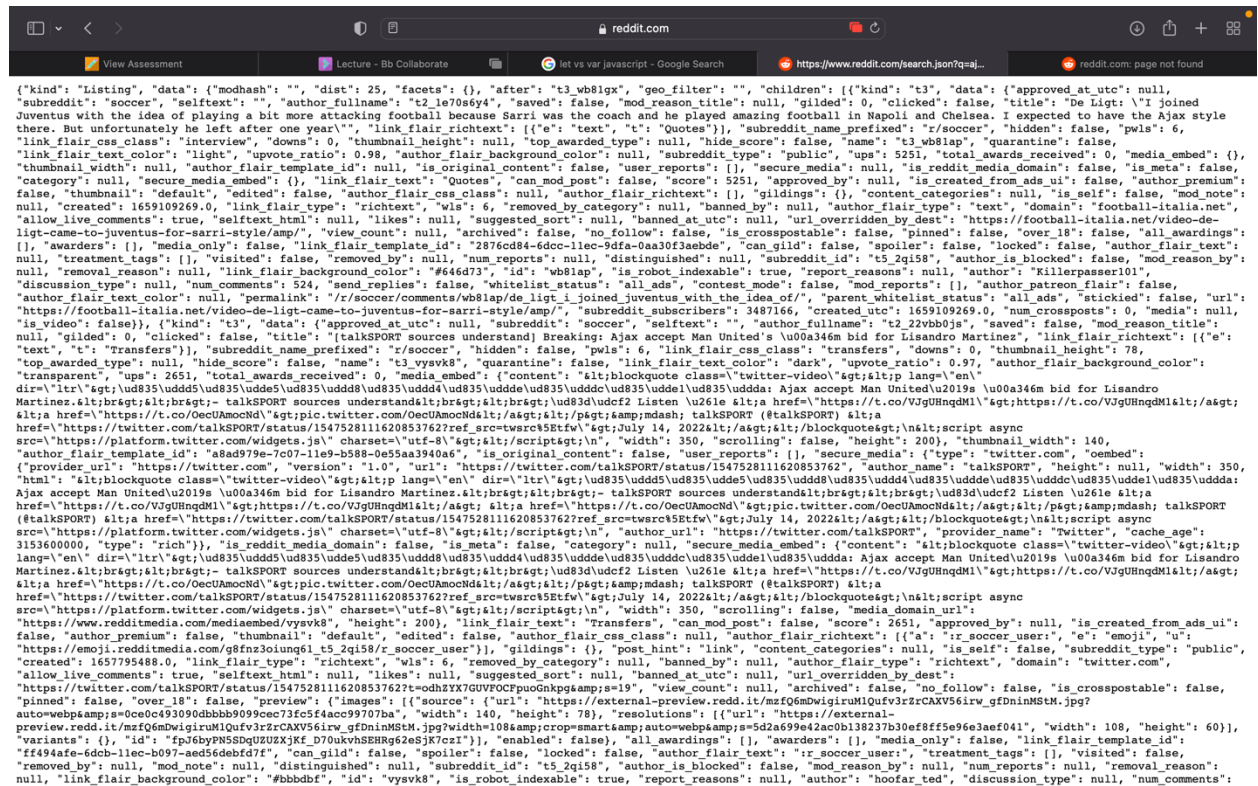
- What is the difference of the followings? Observe the output and explain

<https://www.reddit.com/search?q=ajax>



This url will directly open the reddit.com and paste “ajax” in the search bar and find the subreddits related to the keyword.

<https://www.reddit.com/search.json?q=ajax>



This url will directly open the reddit.com and paste “ajax” in the search bar and find the subreddits related to the keyword and display the result in Json format.

Step 1 Part B:- Code Explanation:

```
<body>
  <h3>
    <b><label>Search </label></b><br/>
    <input id="query" type="text"/><br/>
    <input type="button" id="ser" value="Find" onclick="fetchData()">
  </h3>
  <div id="locs"></div>
```

In this we created button and gave id and attached function.

```
function fetchData() {
  if (!$("#query").val()) {
    alert("Enter Search Item");
    return false;
  }
  else {
    var data = $("#query").val();
  }
}
```

Later, In the function we validated the user-input, in the output if we are clicking the find button directly then it will show the alert message Enter search item. For that we used if and else structure.

```
var limit="limit=100";
var Api="https://www.reddit.com/search.json?q=" + data;

output = "<table border = 1><th> S.No. </th><th> Title </th><th> Author </th><th>Subreddit </th><th> URL </th><th> S";

$.getJSON( Api + "&" + limit,function (Step1) {
  Step1.data.children.sort((a,b) => (a.data.title > b.data.title) ? 1 : ((b.data.title > a.data.title) ? -1 : 0))

  $.each(Step1.data.children, function (i, item) {
    output += "<tr>";
    output += "<th>" + (i + 1) + "</th>";
    output += "<th>" + item.data.title + "</th>";
    output += "<th>" + item.data.author + "</th>";
    output += "<th>" + item.data.subreddit + "</th>";
    output += "<th><a href=" + item.data.url + ">" + item.data.url + "</a></th>";
    output += "<th>" + item.data.score + "</th>";
    output += "<th>" + item.data.link_flair_text + "</th>";
    output += "</tr>";
  });
  output += "</table>";
  $("#locs").html(output);
})
}
```

After this, we created one variable called limit and in that we have limit 100. And in another variable API we have the API link. After that, we created table. In that we used getJSON for getting the details of JSON and we called the variable and function that we created. Moreover, we used function for sorting. And then for getting the details of reddit API we use function. variable. tag names. At last, we are calling id to the table's variable.

Output:

Search

127.0.0.1:5501 says
Enter Search Item

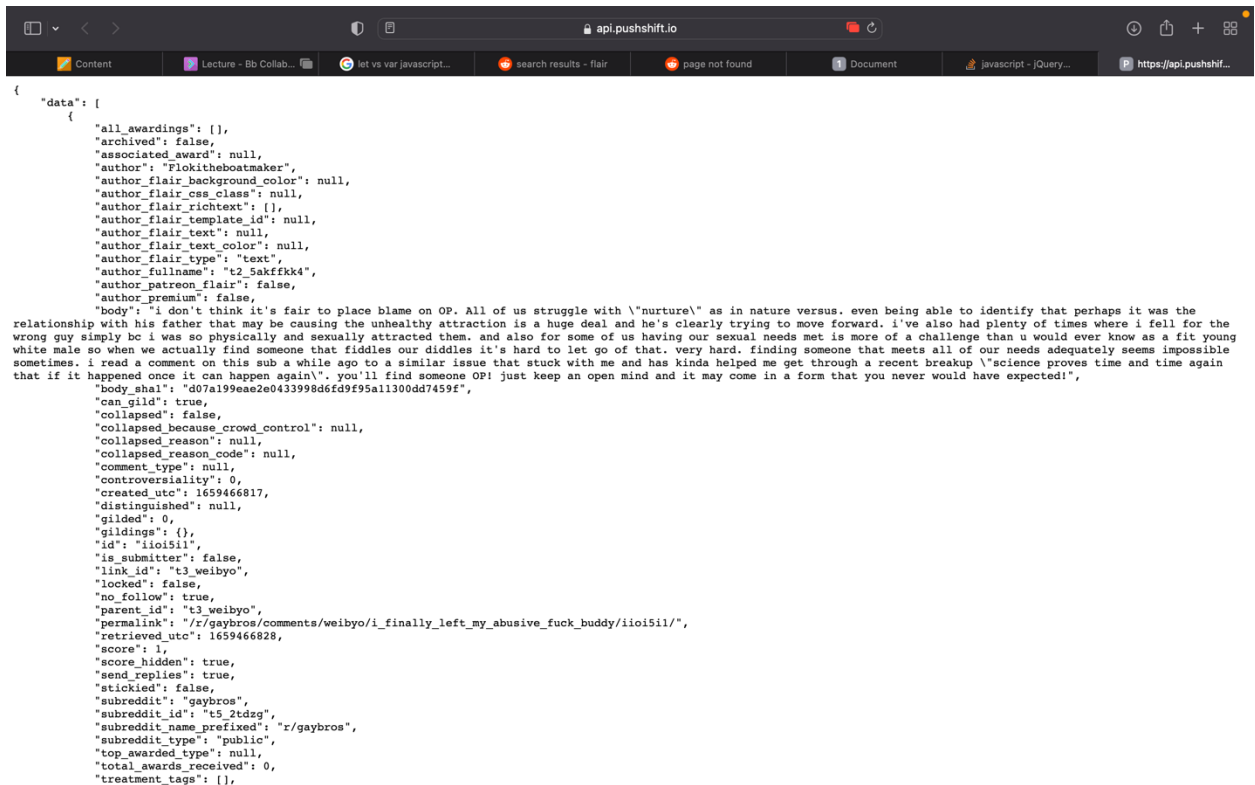
S.No.	Title	Author	Subreddit	URL	Score	Flair
1	"The Boys' Superhero College Spinoff Title Revealed: 'Gen V'"	DemiFiendRSA	TheBoys	https://v.redd.it/pq6ff8styqb91	8217	News
2	(Miro in response to Maxley's match last night) "Who's this guy that is fighting for the title?"	ThrowRAadadproblems8	SquaredCircle	https://twitter.com/tobemiro/status/1555993122982821895?s=21&t=azJOF9cRiwymFDZXAy7Ksg	820	null
3	(funny title)	Maqgnus	lcsi	https://i.redd.it/m2yiuzn98x91.gif	16220	MEME
4	10+ years ago these charts were all the rage on r/trees and people indicated how high they were when posting by using brackets in title posts [4]	Yorikor	trees	https://i.redd.it/vthvuaam33d91.png	3362	Mildly Interesting
5	611 Title and Synopsis (I can't believe they actually did it)	zanesix	betterCallSaul	https://i.redd.it/n8e0fp516e91.png	4162	null
6	AITA for refusing to put my fiancé on the house title after he kept handling the empty pens as a prank?	DojaDog677	AmItheAsshole	https://www.reddit.com/r/AmItheAsshole/comments/w4gcao/aita_for_refusing_to_put_my_fiance_on_the_house/	22682	Not the A-hole
7	Agüero believes Arsenal are 'dark horses' for Premier League title as he predicts top four	mask-of-sorrow	soccer	https://uk.sports.yahoo.com/news/aguero-believes-arsenal-dark-horses-102939761.html	1284	News
8	All of the title posters for S6, up to E11	robboobson	betterCallSaul	https://www.reddit.com/gallery/wdjt5a	3486	null
9	An Interesting Title	Terrible_Yam3891	shitposting	https://i.redd.it/yed123dythg91.jpg	15952	Linux Sex Tips :linuxsextips: :linuxsextips:
10	Both Adesanya and Thompson came into the UFC with very impressive and successful kickboxing careers. What difference was made that allowed for Israel to become a UFC champion with multiple title defenses, instead of Wonderboy?	Dead_memories	ufc	https://i.redd.it/pas2fmy5zcp91.jpg	1056	null
11	COMPETITION! Best title for this new addition to my "Brutiful" series wins a FREE PRINT!	StevenBeercockArt	Weird	https://i.redd.it/sfr9z92pggh91.jpg	642	null

Step 2

Step2 Part A :-

Explore using pushshift API in order to search on comments and subreddits

- Observe the output and explain how the following command works
<https://api.pushshift.io/reddit/search/comment/?q=science>



```
{
  "data": [
    {
      "all_awardings": [],
      "archived": false,
      "associated_award": null,
      "author": "Flokithboatmaker",
      "author_flair_background_color": null,
      "author_flair_css_class": null,
      "author_flair_richtext": [],
      "author_flair_template_id": null,
      "author_flair_text": null,
      "author_flair_text_color": null,
      "author_flair_type": "text",
      "author_fullname": "t2_5akffkk4",
      "author_patreon_flair": false,
      "author_premium": false,
      "body": "i don't think it's fair to place blame on OP. All of us struggle with \"nurture\" as in nature versus. even being able to identify that perhaps it was the relationship with his father that may be causing the unhealthy attraction is a huge deal and he's clearly trying to move forward. i've also had plenty of times where i fell for the wrong guy simply bc i was so physically and sexually attracted them. and also for some of us having our sexual needs met is more of a challenge than u would ever know as a fit young white male so when we actually find someone that fiddles our diddles it's hard to let go of that. very hard. finding someone that meets all of our needs adequately seems impossible sometimes. i read a comment on this sub a while ago to a similar issue that stuck with me and has kinda helped me get through a recent breakup \"science proves time and time again that if it happened once it can happen again\". you'll find someone OP! just keep an open mind and it may come in a form that you never would have expected!",
      "body_html": "d07a199eae2e0433998d6fd9f95a11300dd7459f",
      "can_gild": true,
      "collapsed": false,
      "collapsed_because_crowd_control": null,
      "collapsed_reason": null,
      "collapsed_reason_code": null,
      "comment_type": null,
      "controversiality": 0,
      "created_utc": 1659466817,
      "distinguished": null,
      "gilded": 0,
      "gildings": {},
      "id": "iioi5il",
      "is_submitter": false,
      "link_id": "t3_weibyo",
      "locked": false,
      "no_follow": true,
      "parent_id": "t3_weibyo",
      "permalink": "/r/gaybros/comments/weibyo/i_finally_left_my_abusive_fuck_buddy/iioi5il/",
      "retrieved_utc": 1659466828,
      "score": 1,
      "score_hidden": true,
      "send_replies": true,
      "stickied": false,
      "subreddit": "gaybros",
      "subreddit_id": "t5_2tdzg",
      "subreddit_name_prefixed": "r/gaybros",
      "subreddit_type": "public",
      "top_awarded_type": null,
      "total_awards_received": 0,
      "treatment_tags": []
    }
  ]
}
```

The URL will search for all the comments containing keyword “science”.

Step 2 Part B :- Code Explanation:

```
<body>
  <h3>
    <label>Search </label><br />
    <input id="query" type="text" /><br />
    <input type="button" value="Find" id="ser" onclick="fetchData()" />
  </h3>
  <p id="locs"></p>

  <script>
```

In this we created button and gave id and attached function.


```
function fetchData() {
    if (!$("#query").val()) {
        alert("Enter Search Item");
        return false;
    }
    else {
        var data = $("#query").val();
    }
}
```

Later, In the function we validated the user-input, in the output if we are clicking the find button directly then it will show the alert message Enter search item. For that we used if and else structure.

```
output = "<table border = 1><th> S.No. </th><th> Author </th><th> Subreddit </th><th> Body </th><th> URL </th>";

$.getJSON('https://api.pushshift.io/reddit/search/comment/?q=' + data + '&limit=100' , function (Step2) {
    Step2.data.sort((a,b) => (a.body > b.body) ? 1 : ((b.body > a.body) ? -1 : 0))

    $.each(Step2.data, function (i, item) {
        output += "<tr>";
        output += "<th>" + (i + 1) + "</th>";
        output += "<th>" + item.author + "</th>";
        output += "<th>" + item.subreddit + "</th>";
        output += "<th>" + item.body + "</th>";
        output += "<th><a href=" + item.permalink + ">" + item.permalink + "</a></th>";
        output += "<th>" + item.score + "</th>";
        output += "<th>" + item.author_flair_type + "</th>";
        output += "</tr>";
    });
    output += "</table>";
    $("#locs").html(output);
})

.fail(function() {
    output = "<p>Plz check API details<p>";
    $("#locs").html(output);
})
}
</script>
</body>
</html>
```

In this we created table in the first. Later we use pushshift API and other things are almost same as step-1. But here we use limit inside which is different than we did the previous que. Then we used sorting using function. Then again we are fetching the details. Here we use validation differently either. If in code, we have any problem or if API is different than it will display check API.

Output:

The screenshot shows a web application with a light blue background. On the left, there is a search section titled "Search" in red. It contains a white input field and a grey button labeled "Find". On the right, there is a white alert box with a grey border. The alert box contains the text "127.0.0.1:5501 says" and "Enter Search Item" in a smaller font. At the bottom right of the alert box is a blue button labeled "OK".

Step1

Step 2

File

/Users/charandeepsingh/Downloads/Charan's%20project%20final/Charan's%20project/step2.html

Update

Search

author

Find

S.No.	Author	Subreddit	
1	AutoModerator	GCTrading	<p>***WARNING! - PLEASE READ PRIOR TO TRADING!*** https://www.reddit.com/r/Cash4Cash+GCTrade+GameSale+GCXRep+4CRep+SLRep+BitMarket+Loans+SteamGameSwap+TRADE+barter+borrow+gameswap+giftcar</p>
2	AutoModerator	southafrica	<p>***Thank you for posting on r/southafrica! This post is flaired as ["News"](https://www.reddit.com/r/southafrica/?f=flair_name%3A%22News%22) therefore the following rule (https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites) source: * Rule 4.4: Be prepared for conspiratorial (https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... https://www.reddit.com/r/southafrica/wiki/List_of_fake_news_websites)... 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	URL	Score	Flair
PMs from users that do not comment. ***Always check a user's profile for consistent recent activity and valid reputation.*** ##U/sers that trading subs] of anyone being scammed. *I am a bot, and this action was performed automatically. Please [contact the moderators of this subreddit]	r/GCTrading/comments/wjg49h/150_walmart_gift_card_w_100_paypal/0jh3K9/	1	text
an opinion, write a top-level comment on the post. * Rule 4.3: Do not link to [questionable](https://mediabiasfactcheck.com/fake-news/) or "sticker" [this] information for you. ** Additionally, please take a moment to review the rest of our rules [here]	r/sothafrika/comments/wjgdn1/eskom_proposes_big_changes_for_electricity/0jh3mji/	1	text
0R% 20litte% 3A% 22bimbo_katie% 22% 29% sort=new&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjgc2a/ready_to_play_sexmastercard/0jh3o2e/	1	text
0R% 20litte% 3A% 22kinkykat94% 22% 29% sort=new&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjgk3p/titty_redhead_available_for_gfe_12b_lifetime/0j537V/	1	text
% 22LovinglyRoughDomme% 22% 20OR% 20litte% 3A% 22Lovinglyroughdomme% 22% 29% sort=new&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjg6w8/submission_is_a_gift_to_help_dominant_find_others/0jh241/	1	text
% 22TuckedHeadedRabbit% 22% 20OR% 20litte% 3A% 22theadedheadrabit% 22% 29% sort=new&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjgch0/online_for_cam_and_sex_dom_sub_fet_friendly_my/0jh782/	1	text
new&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjgk345_reviewsblotch_warning_the_brainiestdoor_is/0j52am/	1	text
new&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjguc9/feeling_playful_lets_explore_your_kinks_im_a/0jh40q/	1	text
new&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjgph4/lets_get_naughty_im_available_for_vid_cam_sex/0j53ev/	1	text
&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjg8w8/extreme_size_queen_brutally_honest_instant_cock/0j52bm/	1	text
&restrict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjgc56/im_mickey_have_we_met_yet_fan_smp_sex_cam_vid/0jh393/	1	text
erict_sr=on --- [Wiki](https://www.reddit.com/r/Sexsells/wiki/index) [FAQ](https://www.reddit.com/r/Sexsells/wiki/index) [Bot Info]	r/Sexsells/comments/wjgc7f/tranna_cam_or_do_a_video_im_horny_come_watch_me/0jh3ab2/	1	text
is post, reply to this comment. META commentary in general discussion may be removed. Repeated rule-breaking may result in a ban. *I am a	r/BestofRedditUpdates/comments/wjgg0d/got_entered_into_my_body_and_i_showd_my_ballo/0jh45to/	1	text
is not be able to pay for your shot(s) in that timeframe, please arrange with OP to pay for your shot(s) early. ***3.*** The only accepted PFE BUT SCAMS ARE ALWAYS POSSIBLE, TRUST YOUR GUT*** **nsbuckmaster** details: 1./r/raffle-feedback feedback) ayvboots79, or u/ukemfrank *I am a bot, and this action was performed automatically. Please [contact the moderators of this subreddit]	r/raffles/comments/wj88ca/am_trehouse_21318_100_spots_at_3ea/0j46f5/	1	text
is not be able to pay for your shot(s) in that timeframe, please arrange with OP to pay for your shot(s) early. ***3.*** The only accepted SAFE BUT SCAMS ARE ALWAYS POSSIBLE, TRUST YOUR GUT*** **spacecentr** details: 1./r/raffle-feedback feedback) ayvboots79, or u/ukemfrank *I am a bot, and this action was performed automatically. Please [contact the moderators of this subreddit]	r/raffles/comments/wjgdlz/am_bdl_75335_65_spots_at_2ea/0j44xc/	1	text
is not be able to pay for your shot(s) in that timeframe, please arrange with OP to pay for your shot(s) early. ***3.*** The only accepted SAFE BUT SCAMS ARE ALWAYS POSSIBLE, TRUST YOUR GUT*** **spacecentr** details: 1./r/raffle-feedback feedback) ayvboots79 *I am a bot, and this action was performed automatically. Please [contact the moderators of this subreddit]/message/compose?	r/raffles/comments/wjgdlz/am_bdl_75335_65_spots_at_2ea/0j43bh/	1	text
coming here solely to ask questions that can be answered by Amazon customer service, express complaints about Amazon, and so on. Please	r/amazon/comments/wjg6h6/purchased_something_and_they_sent_the_wrong/0j44de/	1	text
coming here solely to ask questions that can be answered by Amazon customer service, express complaints about Amazon, and so on. Please	r/amazon/comments/wjg6h7/amazon_packages_delivered_to_my_address_idk_who/0j463z/	1	text

[illegible]

Step 3

Code Explanation:

```
<label>search subreddits by name</label><br/>
<label></label>
<input id="query" type="text"/><br/>
<input type="button" id="ser" value="Find" onclick="fetchData()"/>
</label>

</h3>
<p id="locs"></p>
```

Here we are creating labels and button and id which we are going to use for function. And we are attaching the function in the button.

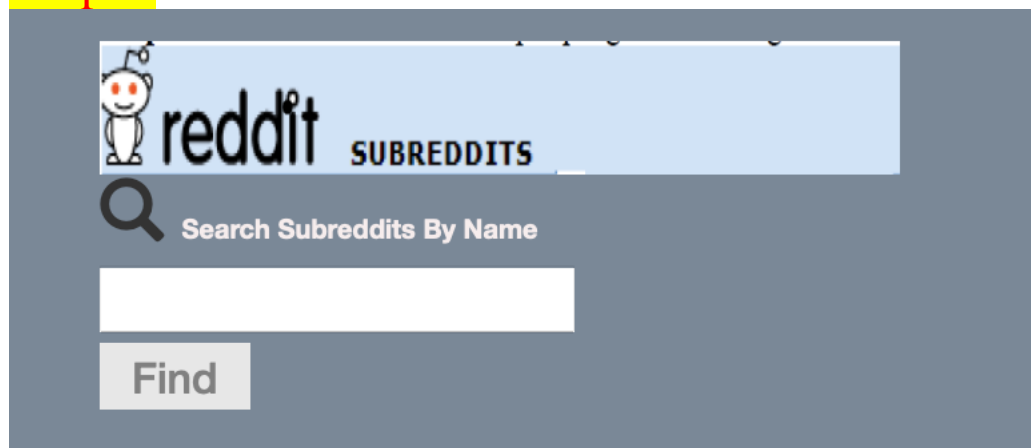
```
<script>
function fetchData() {
  var data = $("#query").val();
  var Api="https://www.reddit.com/search.json?q=" + data;
  x+"&limit=3&sort=top";
}
```




We created the function called fetch data. And we created the data variable. In that we attached the id of input to fetch the value. In another variable we are calling reddit's api. And we are giving limit 3 and sorting on top.

```
$.getJSON(Api + "&" + x,function (Step3) {
  fetch("https://api.pushshift.io/reddit/search/comment?q=" +Step3.data.children[0].data.subreddit +"/&limit=3&sort=top",).then((response) => response.json()).then((x) => {
    $.each(Step3.data.children, function (i, item) {
      output += "<tr>";
      output += "<th>" + (i + 1) + "</th>";
      output += "<th>" + item.data.author + "</th>";
      output += "<th><img src='" +item.data.thumbnail +"' alt='no Image'</th>";
      output += "<th>" + item.data.score + "</th>";
      output += "<th><ul>";
      for (let i = 0; i < 3; i++) {
        output += "<li>" + x.data[i].body + "</li>";
      }
      output += "<th>" + item.data.author_flair_type + "</th>";
      output += "</tr>";
    });
    output += "</table>";
    $("#locs").html(output);
  });
},
```

In this we are calling API , sorting variable, and creating function. After that we we are fetching the data using pushshiftreddit API. Then converting into object in the json format and using in the fetching data. This is the same thing that we did while fetching the data. But for comment part we created one loop. And we used this object x. and we used this loop 3 times and attached comment's body part. Later we are calling the output variable to the locs id.

Output:



S.No.	Author	Image	Score	Comments	Flair
1	MattyIce6969		257981	<ul style="list-style-type: none"> • why is r/interestingasfuck trying to radicalize people? • **Please note these rules:** * If this post declares something as a fact, then proof is required. * The title must be descriptive * No text is allowed on images/gifs/videos * Common/recent reposts are not allowed *See [this post](https://redd.it/ij26vk) for a more detailed rule list* *I am a bot, and this action was performed automatically. Please [contact the moderators of this subreddit](/message/compose/?to=r/interestingasfuck) if you have any questions or concerns.* • Rod should definitely be in r/interestingasfuck . First time I've seen anything like it! 	text
2	socialprnk		214517	<ul style="list-style-type: none"> • why is r/interestingasfuck trying to radicalize people? • **Please note these rules:** * If this post declares something as a fact, then proof is required. * The title must be descriptive * No text is allowed on images/gifs/videos * Common/recent reposts are not allowed *See [this post](https://redd.it/ij26vk) for a more detailed rule list* *I am a bot, and this action was performed automatically. Please [contact the moderators of this subreddit](/message/compose/?to=r/interestingasfuck) if you have any questions or concerns.* • Rod should definitely be in r/interestingasfuck . First time I've seen anything like it! 	text
3	PoliticsModeratorBot		214315	<ul style="list-style-type: none"> • why is r/interestingasfuck trying to radicalize people? • **Please note these rules:** * If this post declares something as a fact, then proof is required. * The title must be descriptive * No text is allowed on images/gifs/videos * Common/recent reposts are not allowed *See [this post](https://redd.it/ij26vk) for a more detailed rule list* *I am a bot, and this action was performed automatically. Please [contact the moderators of this subreddit](/message/compose/?to=r/interestingasfuck) if you have any questions or concerns.* • Rod should definitely be in r/interestingasfuck . First time I've seen anything like it! 	richtext

Step 4

Code Explanation:

```
<label>Search Reddit</label><br/>
<input id="query" type="text" /><br/>
<label> Sort By</label>
<input type="radio" id="relevance" name="sort" value="confidence"/>
<label for="relevance" id="hi">Relevance</label>
<input type="radio" id="latest" name="sort" value="new"/>
<label for="latest">Latest</label><br/>
<label>Limit </label><br/>
<input id="limit" type="text" /><br/>
<input id="ser" type="button" value="Find" onclick="fetchData()"/>
/h3>
```

Here we are creating labels and radiobutton and giving id and value to it.

```
<script>
function fetchData() {
  var data = $("#query").val();
  var sortBy = $('input[name="sort"]:checked').val();
  console.log(sortBy);
  var limit = $("#limit").val();
  console.log(limit);
}
```

In this we are creating one function called fetchdata. After that we created variable. In that we are getting input from the button. We created another variable called sortby. In that we are getting input from the name in the input as you can see in the previous snapshot and then we are checking that which we are clicking. Moreover, we called variable called limit in that we are fetching value of limit by user.

```
output = "<div class='main'>";
output+="

Here we are using reddit API to fetch the data. In that we are calling variable data, limit and sortby which we created.



Later we are creating function for getting an output.



13


```

```
$.each(res.data.children, function (i, item) {
  output+=`
  <div class="row">
  <div class="col-lg-4">
  <div class="container">
  <div class="card" style="width:400px">
  <img class="card-img-top" src=${item.data.thumbnail} alt="No Image" style="width:80%">
  <div class="card-body">
  <h4 class="card-title">${item.data.title}</h4>
  <form id="u" method='get' action='${item.data.url}'> <button type='submit'>Read More</button></form>
  <div class="badge badge-secondary">Subreddit: ${item.data.subreddit}<br>
  <div class="badge badge-dark">Score: ${item.data.score}</div>
  </div>
  </div>
  </div>
  </div>`;
  });
  output+="</div>";

$("#locs").html(output);
```

Here I used bootstrap for getting the output in the card form. Here I used function res and inside their child elements for getting the data in the way you asked. I have used interpolation here. At last, I attached variable output to the locs id that we created for the getting the output in the body.

Output:

The screenshot shows a dark-themed web interface for searching on Reddit. At the top, the text "Search Reddit" is displayed in yellow. Below it is a white search input field. Underneath the search field is a "Sort By" label followed by two radio button options: "Relevance" and "Latest", both in yellow. Below the sort options is a "Limit" label in yellow, followed by another white input field. At the bottom left, there is a grey button with the text "Find" in black.

Search Reddit

Sort By ☒ Relevance ☐ Latest

Limit



Use 🌈 🧡 🐻
@Healthyfairy86

How did LAUREN BOEBERT get elected? She got her GED a MONTH before her primary - 16 years after dropping out of high school. Her husband was arrested for exposing his genitalia to minors while Lauren was 17 and present. Lauren herself has been arrested several times.

America's finest

Subreddit: WhitePeopleTwitter

Score: 84828

No Image

Is America really as bad as it looks it

After clicking read more button:

The screenshot shows a web browser window with the Reddit interface. The address bar shows the URL: `reddit.com/r/ask/comments/we9nyx/is_america_really_as_bad_as_it_looks_it_the_media/`. The page header includes the Reddit logo, a search bar, and links for 'Log In' and 'Sign Up'. The main content area features a post from the `r/ask` community. The post is titled 'Is America really as bad as it looks it the media? (to europeans)' and is marked as 'Asked & Answered'. The post content lists various social issues in America: 'Drug abuse, overdose deaths, mental health epidemic, fanatical christians, student loan crisis, debt crisis, housing crisis, unaffordable healthcare, crumbling infrastructure, illegal immigration, unrestrained capitalism, legalized corruption through donations, poverty, homelessness, out of touch billionaires, school mass shootings, racism, rampant consumerism, natural destruction, fighting wars all over the world, political polarization, artificial food and fast food, obesity, GMOs, teen pregnancies, gated communities, fake news, biased media, imperialism, wealth inequality... etc'. The post has 6.1k comments and is 80% upvoted. A yellow banner indicates that the thread has been locked by moderators. The right sidebar shows the 'About Community' section for `r/ask`, which has 244k members and 1.7k online users. Below this is a 'Powerups' section with a banner for 'Powerup to unlock perks for r/ask'.

reddit

Log In Sign Up

r/ask

Posts

Posted by u/witness_accomplice 6 days ago

12.0k Is America really as bad as it looks it the media? (to europeans)

Asked & Answered

Drug abuse, overdose deaths, mental health epidemic, fanatical christians, student loan crisis, debt crisis, housing crisis, unaffordable healthcare, crumbling infrastructure, illegal immigration, unrestrained capitalism, legalized corruption through donations, poverty, homelessness, out of touch billionaires, school mass shootings, racism, rampant consumerism, natural destruction, fighting wars all over the world, political polarization, artificial food and fast food, obesity, GMOs, teen pregnancies, gated communities, fake news, biased media, imperialism, wealth inequality... etc

6.1k Comments Share Save Hide Report 80% Upvoted

This thread has been locked by the moderators of r/ask
New comments cannot be posted

Sort By: Best

AutoModerator MOD · 6 days ago · Stickied comment

About Community

r/ask

This is a place to ask questions.

244k Members 1.7k Online

Created Mar 21, 2008

Join

Powerups

Powerup to unlock perks for r/ask

Step 5

Code Explanation:

```
<body onload="Step5()">
  <p id="demo"></p>

  <script>
    function Step5() {
      //Creating an object
      var xhttp = new XMLHttpRequest();
      //Opening the file
      xhttp.open("GET", "dataset_r.xml", false);
      //Sending the request
      xhttp.send();
      // Reading data
      xmlDoc = xhttp.responseXML;
```

In the beginning, we have created one function called Step5. Then we need to create the object xhttp. Then we need to open the file using GET and xml file. And we need to send the request. And we performed code for xml code.

```
// var author = xmlDoc.getElementsByTagName("author");
var entries = xmlDoc.getElementsByTagName("entry");
var author = xmlDoc.getElementsByTagName("author");

let output = "<h2>" + xmlDoc.getElementsByTagName("title")[0].innerHTML + "</h2>";
output += "<h3>" + xmlDoc.getElementsByTagName("subtitle")[0].innerHTML + "</h3>";
output += "<p>Last Updated: " + new Date(xmlDoc.getElementsByTagName("updated")[0].innerHTML) + "</p><br><br>";

output += "<table border = '1'><th>Author Name</th><th>URI</th><th>Category</th><th>Category Label</th><th>content</th><th>i
for (let i = 0; i < entries.length; i++) {
  output += "<tr>";
  output += "<td>" + entries[i].getElementsByTagName("author")[0].children[0].innerHTML + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("author")[0].children[1].innerHTML + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("category")[0].getAttribute("term") + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("category")[0].getAttribute("label") + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("content")[0].textContent + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("id")[0].innerHTML + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("link")[0].getAttribute("href") + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("updated")[0].innerHTML + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("published")[0].innerHTML + "</td>";
  output += "<td>" + entries[i].getElementsByTagName("title")[0].innerHTML + "</td>";
}

output += "</table>";
document.getElementById("demo").innerHTML = output;
```

After this, we created two variables entries and author and get the elements details inside it by using getElementByTagName. Moreover, I created one variable output for table in that I fetched some of the data which were not same in the 1st child element. Besides this, I created table inside it I was running loop for fetching the data of elements. Entry here is the main element. So we run that loop using entries.length. After that, we used demo id to store the data in the output variable.

Output:

information technology

IT: information technology. Discussion, links, and questions about software, hardware, and the IT industry.

Last Updated: Wed Aug 03 2022 12:22:59 GMT-0400 (Eastern Daylight Time)

Author Name	URI	Category	Category Label	content	id	link
				<p>We see a lot of questions within the r/IT community asking how to get into IT, what path to follow, what is needed, etc. For everyone it is going to be different but there is a similar path that we can all take to make it a bit easier.</p> <p>If you have limited/no experience in IT (or don't have a degree) it is best to start with certifications. CompTIA is, in my opinion, the best place to start. Following in this order: A+, Network+, and Security+. These are a great place to start and will lay a foundation for your IT career.</p> <p>There are resources to help you earn these certificates but they don't always come cheap. You can take CompTIA's online learning (live online classroom environment) but at \$2,000 USD, this will be cost prohibitive for a lot of people. CBT Nuggets is a great website but it is not free either (I do not have the exact price). You can also simply buy the books off of Amazon. Fair warning with that: they make for VERY dry reading and the certification exams are not easy</p>		
/u/stackjr	https://www.reddit.com/user/stackjr	it	r/it	<p>Fair warning with that: they make for VERY dry reading and the certification exams are not easy (for me they weren't, at least).</p> <p>After those certifications, you will then have the opportunity to branch out. At that time, you should have the knowledge of where you would like to go and what IT career path you would like to pursue.</p> <p>I like to stress that a college/university degree is NOT necessary to get into the IT field but will definitely help. What degree you choose is strictly up to you but I know quite a few people with a computer science degree.</p> <p>Most of us (degree or not) will start in a help desk environment. Do not feel bad about this; it's a great place to learn and the job is vital to the IT department. A lot of times it is possible to get into a help desk role with no experience but these roles will limit what you are allowed to work on (call escalation is generally what you will do).</p> <p>Please do not hesitate to ask questions, that is what we are all here for.</p>	t3_tx4ifd	https://www.reddit.com/r/it/comments/tx4ifd/some_steps_for_getting_

Summary

Our work was equally divided. A 50/50 involvement was included. Charandeep answered the first two questions, while Utsav answered the following two. We choose to complete the final question as a group because it was a little challenging.

Playing with the API and various jQuery functionalities were undoubtedly the new things we encountered while working on this project. We also learned how to us

Backtick (`), which was a completely new concept to us.