To do list

1. to do list yasaymiz

1.1 html,css va js yasab olamiz

1.2 bootstrap dan xam ulab olamiz  
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Html xolati

*<!*DOCTYPE html*>*

*<*html lang="en"*>*

*<*head*>*

*<*meta charset="UTF-8"*>*

*<*meta http-equiv="X-UA-Compatible" content="IE=edge"*>*

*<*meta name="viewport" content="width=device-width, initial-scale=1.0"*>*

*<*title*>*to do list*</*title*>*

*<*link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous"*>*

*<*link rel="stylesheet" href="style.css"*>*

*</*head*>*

*<*body*>*

*<*header id="main-header" class="bg-success text-white p-4 mb-3"*>*

*<*div class="container"*>*

*<*div class="row"*>*

*<*div class="col-md-6"*>*

*<*h1 id="header-title"*>*Item Lester*</*h1*>*

*</*div*>*

*<*div class="col-md-6 align-self-center"*>*

*<*input type="text" class="form-control" id="filter" placeholder="Search Item.... "*>*

*</*div*>*

*</*div*>*

*</*div*>*

*</*header*>*

*<*div class="container"*>*

*<*div id="main" class="card card"*>*

*<*h2 class="title"*>*App Items*</*h2*>*

*<*form id="addForm" class="form-iniline mb-3"*>*

*<*input type="text" class="form-control mr-2" id="item" style="width: 200px; display:inline;"*>*

*<*input type="submit" class="btn btn-dark" value="Add"*>*

*</*form*>*

*<*h2 class="title"*>*Items*</*h2*>*

*<*ul id="items" class="list-group"*>*

*<*li class="list-group-item"*>*Item 1*<*button class="btn btn-danger btn-sm delete float-end"*>*X*</*button*></*li*>*

*<*li class="list-group-item"*>*Item 2*<*button class="btn btn-danger btn-sm float-end delete"*>*X*</*button*></*li*>*

*<*li class="list-group-item"*>*Item 3*<*button class="btn btn-danger btn-sm float-end delete"*>*X*</*button*></*li*>*

*<*li class="list-group-item"*>*Item 4*<*button class="btn btn-danger btn-sm float-end delete"*>*X*</*button*></*li*>*

*</*ul*>*

*</*div*>*

*</*div*>*

*<*script src="app.js"*></*script*>*

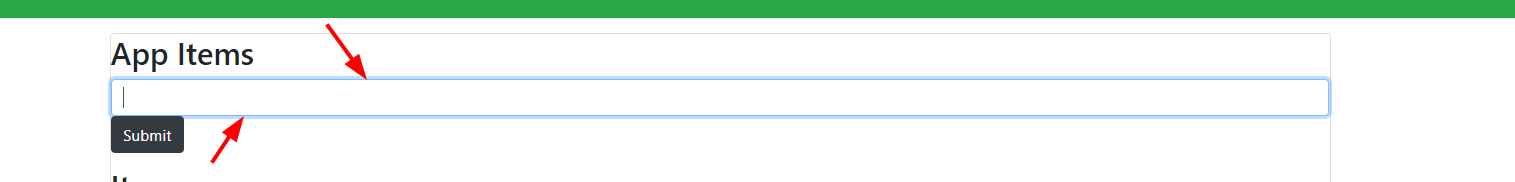
*</*body*>*

*</*html*>*

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2. yangi element qoshishni korib chiqamiz

2.1 js da ozgaruvchi yozamiz



let form = document.getElementById('addForm');

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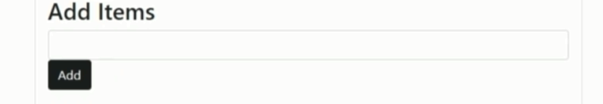
3. xar safar bizga add bolgan paytida ul ni ichiga bitta item qoshib berish kerak

3.1 uni uchun biz ul ni id siga murojaat qib olamiz

let itemList = document.getElementById('items');

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4. yani xar safar shu yerga yozib add qilsak bizga qoshilish kerak



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5. form ga submit bolganda itemList ga eventi qoshilsin deymiz

5.1 addItem deb function yozib oldik

form.addEventListener('submit', addItem);

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6. function yasab olamiz

6.1 event ga umumiy murojaat bolganini bilish uchun

6.2 e ga prevenDefault() xossasini qoshib qoyamiz

function addItem(e) {

    e.preventDefault();

}

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7. ozgaruvchi olvolamiz

7.1 shuni aniq qoyishimiz kerak yani add ga yoziladigan value larni

7.2 xozirgi yozadigan ozgaruvchimiz ga tenglashtirishimiz kerak

let newItem = document.getElementById('item').value;

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8. element yasab olamiz

8.1 yani xar safar bosganimiz da yangi li chiqishi uchun

let li = document.createElement('li');

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9. xar safar yangi li yozilgan da bira tola shu yangi li ga className ni xam yozilib ketovir deymiz

li.className = 'list-group-item';

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10. yangi kelyatgan value ni shu ul ni ichiga yozvolishimiz kerak

10.1 buni uchun bizga appendchild() kerak boladi

li.appendChild(document.createTextNode(newItem))

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11. itemList ota elementga li bola elementni qoshib ol

itemList.appendChild(li);

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12. biz yana bitta narsa qoshishimiz kerak

12.1 yani bitta button qoshish kerak

12.2 uni uchun button yasab olamiz

let deleteBtn = document.createElement('button');

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13. unga bitta class nomini qoshib olishimiz kerak

13.1 button class nomini

deleteBtn.classList = 'btn btn-danger btn-sm float-end delete';

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14. ichidagi X yozuvni kiritishimiz kerak

14.1 shu btn ichiga bolasiga textNode orqali X ni solib qoyamiz

deleteBtn.appendChild(document.createTextNode('X'));

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15. yana shu li ni bola elementi qilib deleteBtn ni solib qoyamiz

li.appendChild(deleteBtn);

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Delete ni bosgan payti ochirilish

1. function yasab olishimiz kerak

1.1 itemList ga bosilganda removeItem function ishlasin

itemList.addEventListener('click', removeItem);

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2. function yasab olamiz

function removeItem(e) {

}

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3. shart beramiz

3.1 agar removeItem ni ichidagi e ga target bolsa

3.2 containes xossasi bor bu ochiradi

3.3 containes(‘delete’) shu item ni ochirib tashla

if (e.target.classList.contains('delete')){

}

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4. bunda bizga shunchaki o’chirib tashlamasinda

4.1 sorasin bizdan ochirasanmi yoqmi deb

4.2 agar rozi bolsa ochirishga

4.3 yana bir ozgaruvchi olamizda shuni e ga target bolganda uni ota elementga tenglashtirib qoy

4.4 va itemList dan removeChild qil li ni

 if (e.target.classList.contains('delete')) {

        if (confirm('Roziman ochirishga')) {

            let li = e.target.parentElement;

            itemList.removeChild(li);

        }

    }

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Search ni koramiz

1. ozgaruvchi olib uni getElementById orqali tepada Search Item… yozdikku shuni input dagi filter id sini olvolamiz

let filter = document.getElementById('filter');

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2. filter gaxam event qoshilsin va keyup bolganda filterItems function yozib olamiz

2.1 keyup -> xar bir text yozgan paytida birdaniga chiqarib beradi

filter.addEventListener('keyup', filterItems);

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3. birinchi orinda xar bitta keladigan text ni bir xilda qilib olish kere yani katta da keladimi kichik da keladimi agar bir xil qilib olsak bizaga qiyin bolmaydi

3.1 function yasab olamiz

function filterItems(e){

}

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4. bir xilda qilib olish uchun

4.1 yangi ozgaruvchi yasaymiz

4.2 e ga target bolganda uni value larni

4.3 lower case qilib qoy -> kichkina qilib qoy

let text = e.target.value.toLowerCase();

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5. list item lar ni aniqlab olishimiz kerak yani filter lab olish

5.1 biz izlaganda chiqib kelishi uchun

let items = itemList.getElementsByTagName('li');

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6. xammasini chiqarib oldik

6.1 xar bittasini filter lashimiz kerak

6.2 buni biz array ga solvolamiz

6.3 xozirgi qiladigan ishimizda xar bir item ni nomlarini chiqarib olamiz

Array.from(items).forEach(function(item) {

        let itemName = item.firstChild.textContent;

        console.log(itemName);

    })

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7. endi biz manashu nomlar ichida topishimiz kerak

7.1 biz istayotgan sozni

7.2 shart kiritamiz agar itemName larni lowercase qil

7.3 va xar birini index orqali kor

7.4 nimani korish kere text ni

7.5 biz izlagan soz text ga to’gri kelsa

7.6 item lar ni style lar ni display block qib qoy -> yani oddiy xolati korintirib tur

7.7 aks xolda teng bolmasa barchasini display none qil -> barchasini korintirma

 if (itemName.toLowerCase().indexOf(text) != -1) {

            item.style.display = 'block';

        } else {

            item.style.display = 'none';

        }