**Module 2: Java Script and SQL**

1. Write a query to display customer number, customer’s firstname , account number where the account status is terminated. Display the records sorted in ascending order based on customer number and then by account number.

Query:-

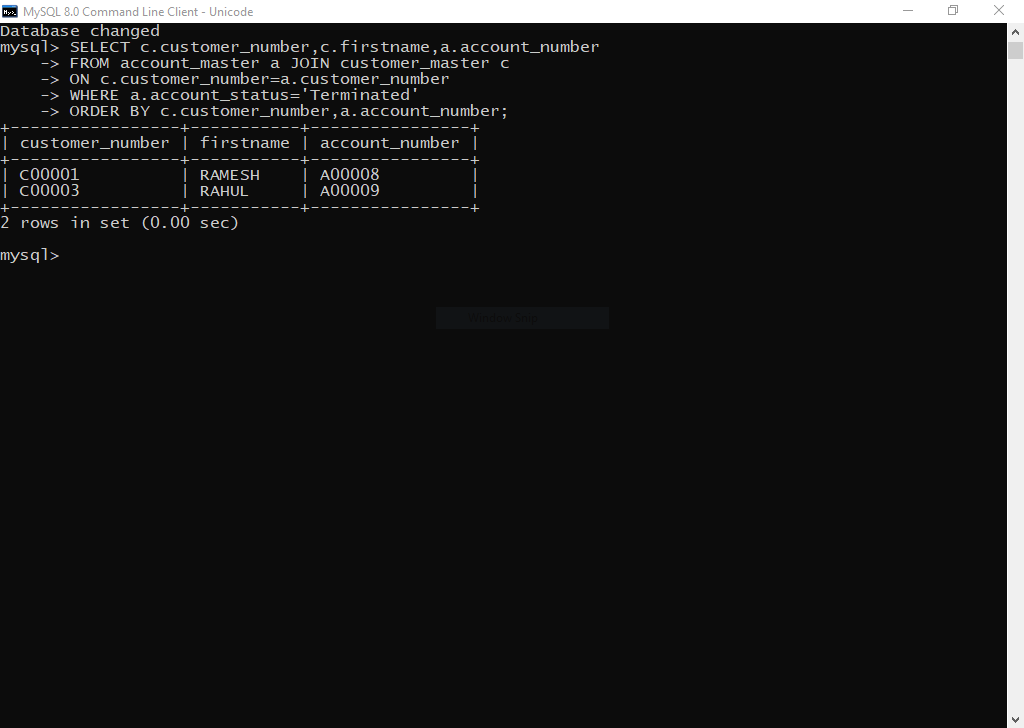
SELECT c.customer\_number,c.firstname,a.account\_number

FROM account\_master a JOIN customer\_master c

ON c.customer\_number=a.customer\_number

WHERE a.account\_status='Terminated'

ORDER BY c.customer\_number,a.account\_number;



1. Write a query to display the number of accounts opened in each city. The query should display the Branch city and the number of No\_of\_Accounts for the branch city where we don’t have any accounts opened display 0. Display the records in the sorted order based on branch city.

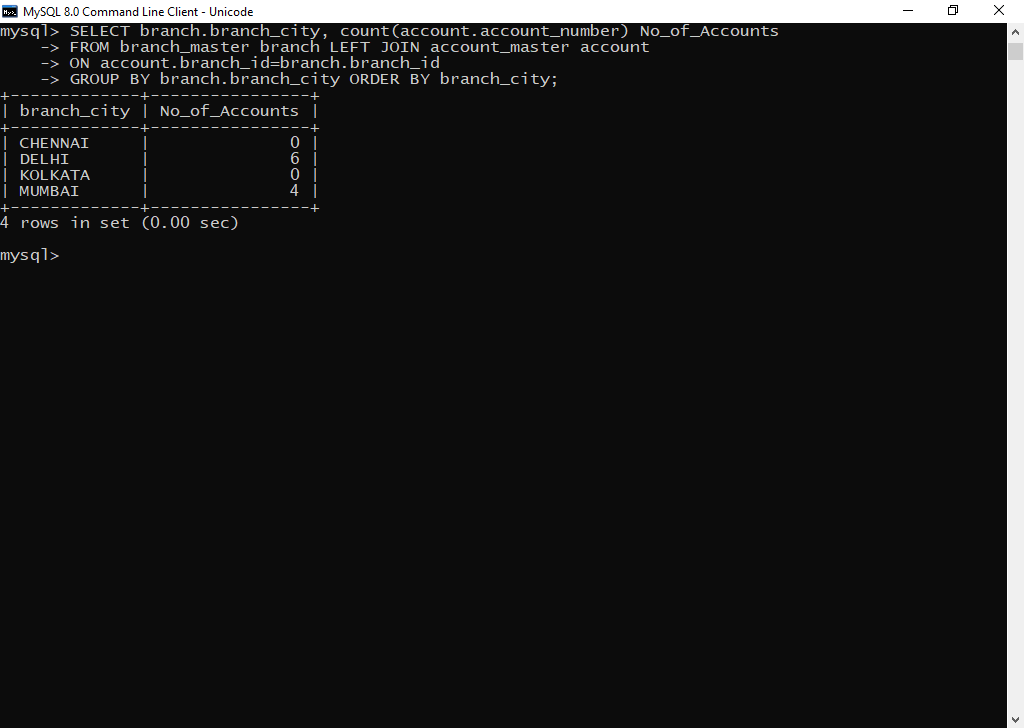
Query:-

SELECT branch.branch\_city, count(account.account\_number) No\_of\_Accounts

FROM branch\_master branch LEFT JOIN account\_master account

ON account.branch\_id=branch.branch\_id

GROUP BY branch.branch\_city ORDER BY branch\_city;



1. Write a query to display the customer number, customer firstname, customer lastname who has taken loan from more than 1 branch. Display the records sorted in order based on customer number.

Query:-

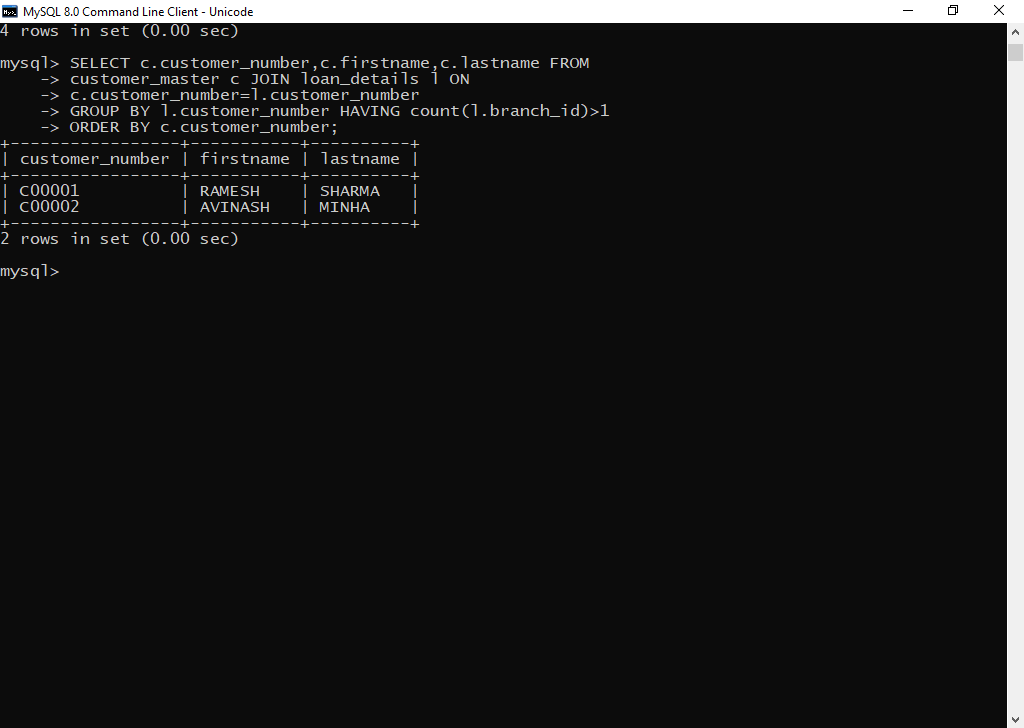
SELECT c.customer\_number,c.firstname,c.lastname FROM

customer\_master c JOIN loan\_details l ON

c.customer\_number=l.customer\_number

GROUP BY l.customer\_number HAVING count(l.branch\_id)>1

ORDER BY c.customer\_number;



1. Write a query to display the number of clients who have asked for loan but they don’t have any account in the bank though they are registered customers. Give the count an alias name of Count.

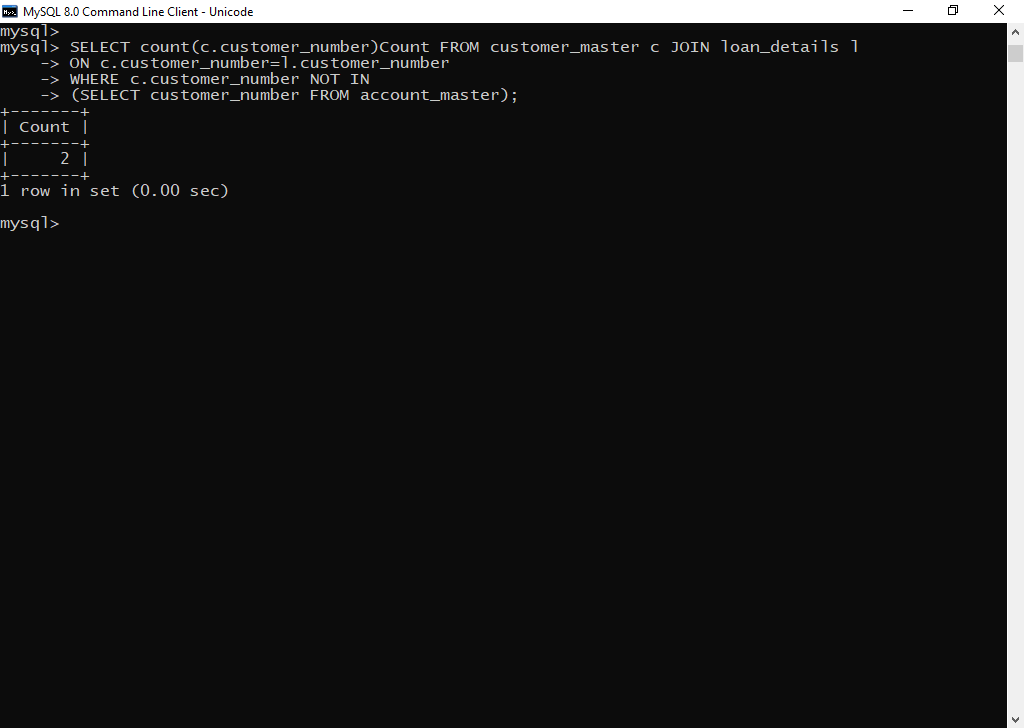
Query:-

SELECT count(c.customer\_number)Count FROM customer\_master c JOIN loan\_details l

ON c.customer\_number=l.customer\_number

WHERE c.customer\_number NOT IN

(SELECT customer\_number FROM account\_master);



1. Write a equerry to display customers firstname, city and account number whose occupation are not business , Services or Student. Display the records sorted in ascending order based on customer firstname and by account number.

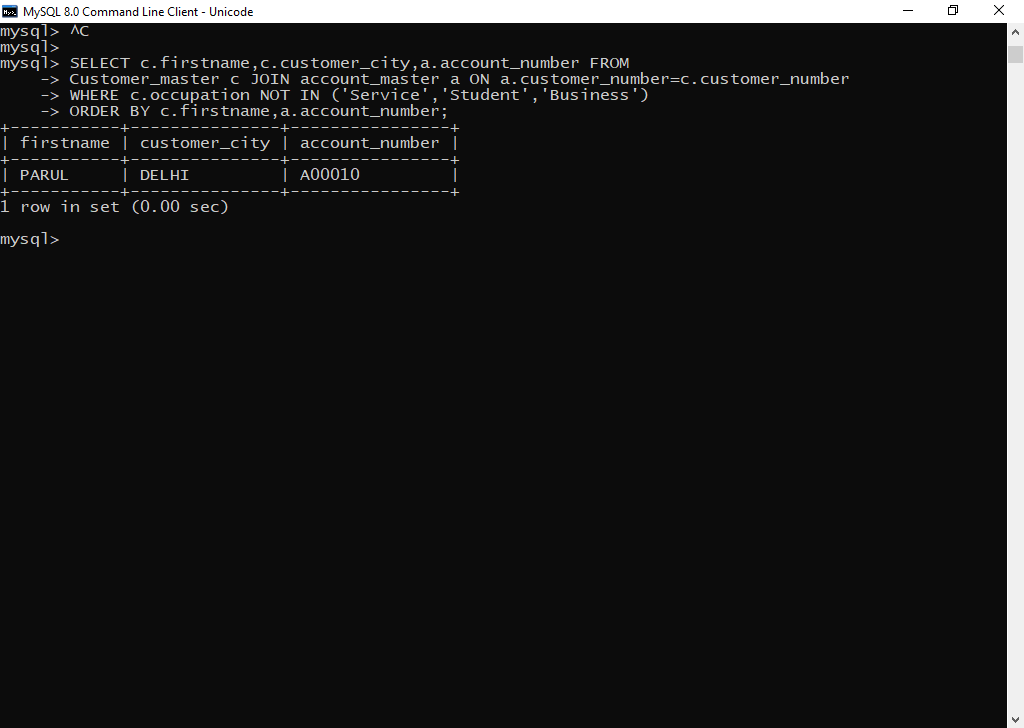
Query:-

SELECT c.firstname,c.customer\_city,a.account\_number FROM

Customer\_master c JOIN account\_master a ON a.customer\_number=c.customer\_number

WHERE c.occupation NOT IN ('Service','Student','Business')

ORDER BY c.firstname,a.account\_number;



**Calander:-**

<html>

<head>

<style>

\* {box-sizing: border-box;}

ul {list-style-type: none;}

body {font-family: Verdana, sans-serif;}

.month {

padding: 70px 25px;

width: 100%;

background: #1abc9c;

text-align: center;

}

.month ul {

margin: 0;

padding: 0;

}

.month ul li {

color: white;

font-size: 20px;

text-transform: uppercase;

letter-spacing: 3px;

}

.month .prev {

float: left;

padding-top: 10px;

}

.month .next {

float: right;

padding-top: 10px;

}

.weekdays {

margin: 0;

padding: 10px 0;

background-color: #ddd;

}

.weekdays li {

display: inline-block;

width: 13.6%;

color: #666;

text-align: center;

}

.days {

padding: 10px 0;

background: #eee;

margin: 0;

}

.days li {

list-style-type: none;

display: inline-block;

width: 13.6%;

text-align: center;

margin-bottom: 5px;

font-size:12px;

color: #777;

}

.days li .active {

padding: 5px;

background: #1abc9c;

color: white !important

}

@media screen and (max-width:720px) {

.weekdays li, .days li {width: 13.1%;}

}

@media screen and (max-width: 420px) {

.weekdays li, .days li {width: 12.5%;}

.days li .active {padding: 2px;}

}

@media screen and (max-width: 290px) {

.weekdays li, .days li {width: 12.2%;}

}

</style>

</head>

<body>

<h1 align=center>Calendar</h1>

<div class="month">

<ul>

<li class="prev">&#10094;</li>

<li class="next">&#10095;</li>

<li>

January<br>

<span style="font-size:18px">2020</span>

</li>

</ul>

</div>

<ul class="weekdays">

<li>Mo</li>

<li>Tu</li>

<li>We</li>

<li>Th</li>

<li>Fr</li>

<li>Sa</li>

<li>Su</li>

</ul>

<ul class="days">

<li>1</li>

<li>2</li>

<li>3</li>

<li>4</li>

<li>5</li>

<li>6</li>

<li>7</li>

<li>8</li>

<li>9</li>

<li>10</li>

<li>11</li>

<li>12</li>

<li>13</li>

<li>14</li>

<li>15</li>

<li>16</li>

<li>17</li>

<li>18</li>

<li>19</li>

<li>20</li>

<li>21</li>

<li>22</li>

<li>23</li>

<li>24</li>

<li>25</li>

<li>26</li>

<li>27</li>

<li>28</li>

<li><span class="active">29</span></li>

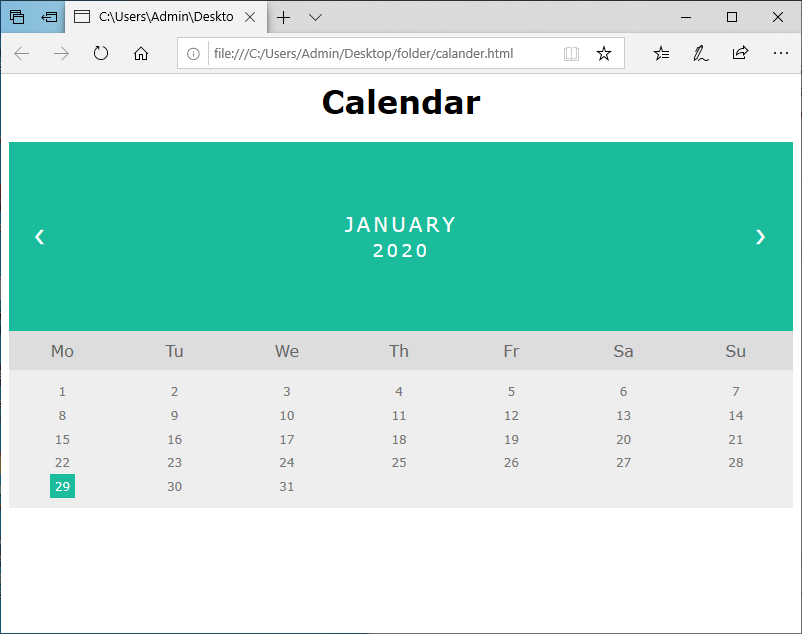
<li>30</li>

<li>31</li>

</ul>

</body>

</html>



**ChangeText():-**

<html>

<script>

function change\_text()

{

var text=document.createTextNode("Hello!...well done!...");

var p=document.createElement(p);

var temp=p.appendChild(text);

document.body.appendChild(temp);

}

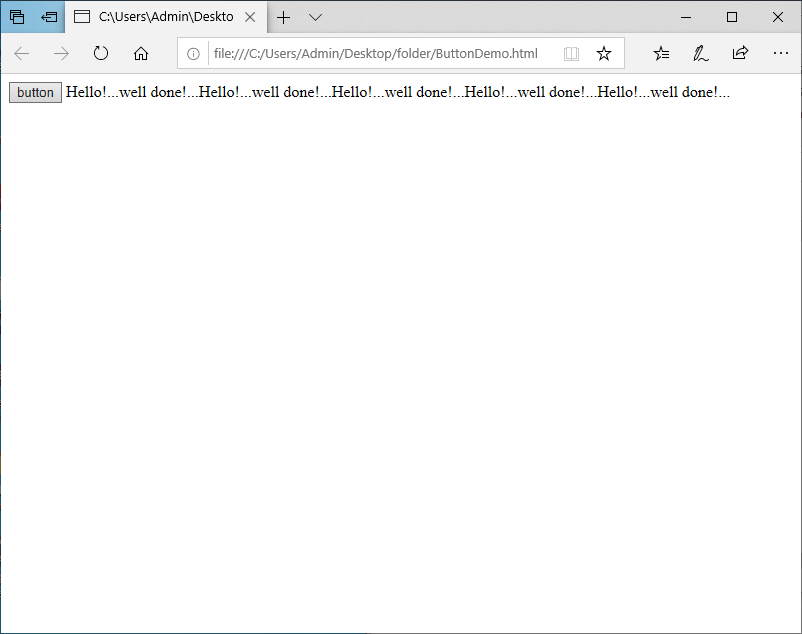
</script>

<body>

<input type="submit" value="button" onclick="change\_text()">

</body>

</html>



**Nth prime number:-**

<!DOCTYPE html>

<html>

<head>

<script>

function nextPrime(value) {

if (value > 2) {

var i, q;

do {

i = 3;

value += 2;

q = Math.floor(Math.sqrt(value));

while (i <= q && value % i) {

i += 2;

}

} while (i <= q);

return value;

}

return value === 2 ? 3 : 2;

}

function generatePrime() {

var userValue = document.getElementById("inputValue").value;

var value = 0, result = [];

for (var i = 0; i < userValue; i++) {

value = nextPrime(value);

result.push(value);

}

document.getElementById("returnValue").innerHTML = result[userValue-1];

}

</script>

</head>

<body>

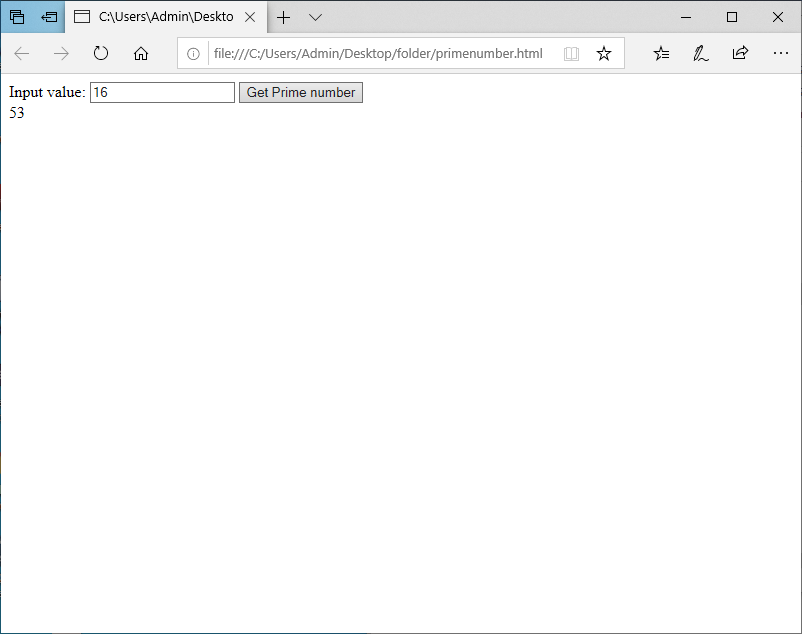
Input value: <input type="text" name="inputValue" id="inputValue"/>

<button onclick="generatePrime()">Get Prime number</button>

<div id="returnValue"></div>

</body>

</html>



**WeekDays:-**

<!DOCTYPE html>

<html>

<script>

var index=0;

function change\_day()

{

if (index>6)

{

index=0;

}

var days=['Monday','Tuesday','Wednesday','Thursday','Friday','Saturday','Sunday'];

var text=document.createTextNode(days[index]);

var p=document.createElement(p);

var temp=p.appendChild(text);

document.body.appendChild(temp);

index=index +1;

}

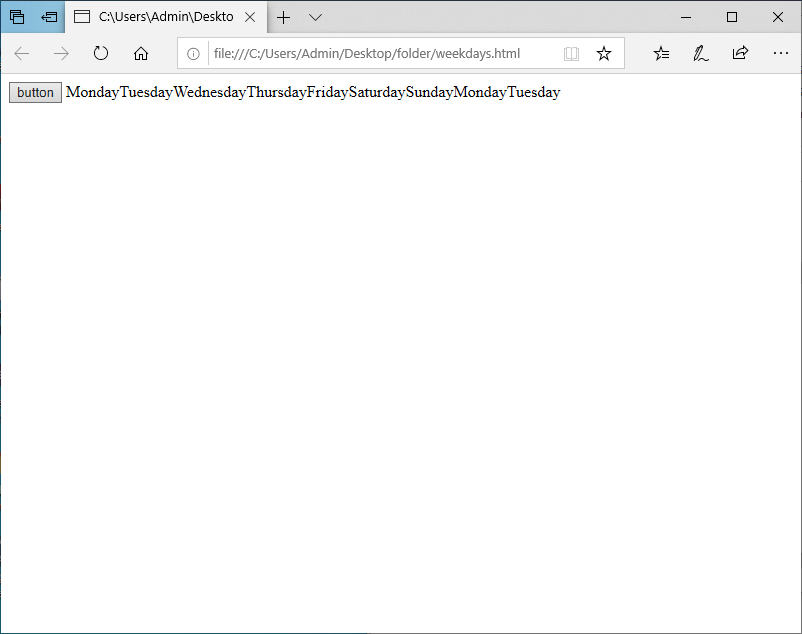
</script>

<body>

<input type="submit" value="button" onclick="change\_day()">

</body>

</html>



**Unorderedlist:-**

<html>

<head>

<TITLE>List Example </TITLE>

<script>

function addItem(){

var ul = document.getElementById("unlist");

var mobileos = document.getElementById("mobileos");

var li = document.createElement("li");

li.setAttribute('id',mobileos.value);

li.appendChild(document.createTextNode(mobileos.value));

ul.appendChild(li);

}

function removeItem(){

var ul = document.getElementById("unlist");

var mobileos = document.getElementById("mobileos");

var item = document.getElementById(mobileos.value);

ul.removeChild(item);

}

</script>

</head>

<body>

<h1>Types of os in mobiles</h1>

<ul id=unlist>

<li> Android </li>

<li> Blckberry </li>

</ul>

<form>

<input type=text id=mobieos />

<button onclick="addItem()">add item</button><br>

<button onclick="removeItem()">remove item</button>

</form>

</body>

</html>

