

PENDING LIST :_

UI - || SHOPPING CART | VEHICLE LISTING ||

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UI AND UNIX HACKER RANK QUESTIONS WITH ANSWERS

=====

TOTAL SETS DISCOVERED TILL NOW:-

UNIX - 4 || EMPLOYEE COUNT || STUDENTS RECORDS || EMPTY LINES || COUNT WORDS

UI - 7 || MY CART || EVENT REGISTRATION || VEHICLE MANAGEMENT || CONTACTS MANAGEMENT || CONTACTS LISTINGS || VEHICLE LISTING || GRADE SIMPLE TASK

=====

UNIX - FindDepartmentEmployeeCount

```
#!/bin/bash
#write your code here
if [ $# -ne 2 ]
then
    echo "Pass appropriate number of command line arguments"
elif [ -d $1 ]
then
    echo "Input file is not an ordinary file"
elif [ ! -f $1 ]
then
```

```
    echo "Input file does not exists"
elif [ ! -r $1 ]
then
    echo "Input file does not have read permission"
else
    grep -i $2 $1 | wc -l
fi
```

UNIX - CountWords

```
#!/bin/bash
#write your code here
if [ $# -ne 2 ]
then
    echo "Pass appropriate number of command line arguments"
elif [ -d $1 ]
then
    echo "Input file is not an ordinary file"
elif [ ! -f $1 ]
then
    echo "Input file does not exists"
elif [ ! -r $1 ]
then
    echo "Input file does not have read permission"
else
    grep -i $2 $1 | wc -l
fi
```

UNIX - COUNT EMPTY FILES

```
#!/bin/bash
#write your code here
```

```
sum=0
```

```

count=0
firstLine=0
found=0

if [ $# -ne 2 ] ; then
echo "Pass appropriate number of command line arguments"
elif [ -d $1 ] ; then
echo "Input file is not an ordinary file"
elif [ ! -f $1 ] ; then
echo "Input file does not exist"
elif [ ! -r $1 ] ; then
echo "Input file does not have read permission"
else
while read -r line; do
if [ $firstLine -eq 0 ] ; then
firstLine=1
else
while IFS=' ' read -r a b c; do
if [ $b = $2 ] ; then
found=1
sum="$(($sum + $c))"
count="$(($count + 1))"
fi
done <<< "$line"
fi
done < "$1"
avg="$(($sum / $count))"
if [ $found -eq 0 ] ; then
echo "Given designation not found"
else
echo $avg
fi
fi

```

UNIX - STUDENTS RECORDS

```

#!/bin/bash
#write your code here
if [ $# -ne 2 ]

```

```
then
    echo "Pass appropriate number of command line arguments"
elif [ -d $1 ]
then
    echo "Input file is not an ordinary file"
elif [ ! -f $1 ]
then
    echo "Input file does not exists"
elif [ ! -r $1 ]
then
    echo "Input file does not have read permission"
else
    grep -i $2 $1 | wc -l
fi
```

UNIX - STUDENTS WITH GREATER MARKS THAN GIVEN MARKS

```
#!/bin/bash
#write your code here
if [ $# -ne 2 ]
then
    echo "Input file"

else
    if [ ! -e $1 ]
    then
        echo "does not exist"

    else
        if [ ! -f $1 ]

        then

            echo "not ordinary file"
```

```
elif [ ! -r $1 ]
```

```
then
```

```
echo "not readable"
```

```
else
```

```
    file=$1
```

```
    marks=$2
```

```
    awk -F'|' -v a="$file" -v b="$marks" '
```

```
{
```

```
        c=$3
```

```
        if ( c > b && NR!=1 )
```

```
            print $0
```

```
    }' $file | wc -l
```

```
fi
```

```
fi
```

```
fi
```

UI - EVENT REGISTRATION / MANAGEMENT

```
<html>
  <body>
    <table id="eventForm" style="border: 1px solid black;width: 80%;text-align:
center;background-color: #fe45e0">
      <tr><td colspan="2"><h1>Event Management System</h1><hr></td></tr>
      <div id="creationDiv" style="display: block;">
        <form action="#" id="createEvent"
onsubmit="event.preventDefault();validateCreation();">
          <tr><td colspan="2"><h2>Event Creation Form</h2></td></tr>
          <tr>
            <td>
              <label for="eventId">Event Id</label>
            </td>
            <td>
              <input type="number" id="eventId">
              <span id="err1"></span>
            </td>
          </tr>
          <tr>
            <td>
              <label
for="department">Department</label>
            </td>
            <td>
              <select id="department">
                <option
value="Admin">Admin</option>
                <option value="HR">HR</option>
                <option
value="Finance">Finance</option>
                <option
value="Network">Network</option>
              </select>
              <span id="err2"></span>
            </td>
          </tr>
        </form>
      </div>
    </table>
  </body>
</html>
```

```

        </tr>
        <tr>
            <td>
                <label for="status">Status</label>
            </td>
            <td>
                <select id="status">
                    <option
value="Open">Open</option>
                    <option value="In Progress">In
Progress</option>
                    <option
value="Rejected">Rejected</option>
                    <option
value="Complete">Complete</option>
                </select>
                <span id="err3"></span>
            </td>
        </tr>
        <tr>
            <td>
                <label
for="description">Description</label>
            </td>
            <td>
                <input type="text" id="description">
                <span id="err4"></span>
            </td>
        </tr>
        <tr>
            <td>
                <label for="raisedBy">Raised By</label>
            </td>
            <td>
                <input type="text" id="raisedBy">
                <span id="err5"></span>
            </td>
        </tr>
        <tr>
            <td>
                <label for="contactPhone">Contact
Phone</label>
            </td>
            </td>
        </tr>
    </tbody>
</table>

```

```

        <td>
            <input type="text" id="contactPhone">
            <span id="err6"></span>
        </td>
    </tr>
    <tr>
        <td colspan="2"><input id="create" type="submit"
value="Create"><input id="cancel" type="reset" value="Cancel"></td>
    </tr>
</form>
</div>
<div id="resultDiv" style="display: none;">
    <p>An event is created with id = <span id="eid"></span></p>
    <p>Department :<span id="dep"></span></p>
    <p>Status :<span id="sta"></span></p>
    <p>Raised By :<span id="rai"></span></p>
    <button id="close" onclick="show()">Close</button>
</div>
</table>
<script type="text/javascript">

```

INDEX . JS FILE :_

```

function validateCreation() {
    var err = false;
    if(document.getElementById('eventId').value == "") {
        document.getElementById('err1').innerText="This field is
required";
        err=true;
    }
    if(document.getElementById('department').value == "") {
        document.getElementById('err2').innerText="This field is
required";
        err=true;
    }
    if(document.getElementById('status').value == "") {
        document.getElementById('err3').innerText="This field is
required";
        err=true;
    }
    if(document.getElementById('description').value == "") {

```



```

        document.getElementById('err4').innerText="This field is
required";
        err=true;
    }
    if(document.getElementById('raisedBy').value == "") {
        document.getElementById('err5').innerText="This field is
required";
        err=true;
    }
    if(document.getElementById('contactPhone').value == "") {
        document.getElementById('err6').innerText="This field is
required";
        err=true;
    }
    if(!err) {
        document.getElementById('creationDiv').style.display = "none";
        document.getElementById('resultDiv').style.display = "block";
        document.getElementById('eid').innerText =
document.getElementById('eventId').value;
        document.getElementById('dep').innerText =
document.getElementById('department').value;
        document.getElementById('sta').innerText =
document.getElementById('status').value;
        document.getElementById('rai').innerText =
document.getElementById('raisedBy').value;
    }
}
function show() {
    document.getElementById('creationDiv').style.display = "block";
    document.getElementById('resultDiv').style.display = "none";
}
</script>
</body>
</html>

```

UI - CONTACT MANAGEMENT -

```

<!DOCTYPE html>
<html>

```

```

<head>
  <style >
    table,tr,th,td
    {

        border: 1px solid black;
        border-collapse: collapse;
    }
  </style>
  <script >

    function func()
    {
      document.getElementById("message").innerHTML ="Customer Contact Created";
    }

  </script>

</head>
<body>
  <h1 style="text-align: center;">ABC Hotels</h1>
  <div id="message" onsubmit="func()">
    <form name="contactCustomer" id="contactCustomer" >
      <table id="contactTable" style="text-align: center;" width="30%" align="center">
        <tr>
          <th>Label</th>
          <th>Control</th>
          <th>Validation</th>
        </tr>
        <tr>
          <td>Name</td>
          <td><input type="text" name="name" placeholder="Customer Name"
maxlength="50" required= ></td>
          <td>Mandatory,Max size=50</td>
        </tr>
        <tr>
          <td>Age</td>
          <td><input type="number" placeholder="Customer Age" name="age" min="20"
max="65" required></td>
          <td>Mandatory,Value range 20-65</td>
        </tr>
        <tr>
          <td>Email</td>

```

```

        <td><input type="email" name="email" placeholder="Customer Email"></td>
        <td>Mandatory,Valid Email</td>
    </tr>
    <tr>
        <td>Address</td>
        <td><input type="text" name="address" placeholder="Customer Address"></td>
        <td>Mandatory</td>
    </tr>
    <tr>
        <td>Phone</td>
        <td><input type="number" name="phone" placeholder="Customer Phone"></td>
        <td>Mandatory</td>
    </tr>
    <tr>
        <td>Send</td>
        <td><input type="submit" name="send" value="send" style="background-color:
#FE45EF;" ></td>
        <td></td>
    </tr>
    <tr>
        <td>Cancel</td>
        <td><input type="reset" name="reset" style="background-color:
#FE45EF;"></td>
        <td></td>
    </tr>
</table>
</form>

</div>

</body>
</html>

```

UI - GRADE SIMPLE TASK

You have to first write in a .gradle file :-

apply plugin: 'java'

```
task(runSimple, dependsOn: 'classes', type: JavaExec) {  
    main = 'prime.java'  
    classpath = sourceSets.main.runtimeClasspath  
}
```

defaultTasks 'runSimple'

Now in the folder prime.java you need to write the prime number code like that :-

```
class prime  
{  
    public static void main (String[] args)  
    {  
        int i =0;  
        int num =0;  
  
        String prime = "";  
  
        for (i = 1; i <= 20; i++)  
        {  
            int counter=0;  
            for(num =i; num>=1; num--)  
            {  
                if(i%num==0)  
                {  
                    counter = counter + 1;  
                }  
            }  
            if (counter ==2)  
            {  
                primeNumbers = prime + i + " ";  
            }  
        }  
    }  
}
```

```
        System.out.println(prime);
    }
}
```

UI - CONTACT LISTING ----

[Index.html](#) --

```
<html>
<head>
<script> src="index.js" </script>
</head>

<body>
<table id="contactList" border="1ps" width="80%" align="center">
<tr style="background-color:#42aaf4">
<th>Phone No.</th><th>Name</th><th>Gender</th><th>City</th><th>Action</th>
</tr>

<tr>
<td>9874563210</td><td>Akshay
Kumar</td><td>Male</td><td>Chennai</td><td><input type="Button" value="delete"
onclick="confirmDelete(this)"</td>
</tr>
<tr>
<td>9632587410</td><td>Shyama
P</td><td>Female</td><td>Trivandrum</td><td><input type="Button" value="delete"
onclick="confirmDelete(this)"</td>
</tr>
<tr>
<td>7896541230</td><td>Malini
Kumar</td><td>Female</td><td>Banglore</td><td><input type="Button" value="delete"
onclick="confirmDelete(this)"</td>
</tr>
<tr>
```

```

<td>9513571233</td><td>Raj Shyam</td><td>Male</td><td>Chennai</td><td><input
type="Button" value="delete" onclick="confirmDelete(this)"</td>
</tr>
<tr>
<td>8745632109</td><td>Sundar G</td><td>Male</td><td>Manglore</td><td><input
type="Button" value="delete" onclick="confirmDelete(this)"</td>
</tr>
<tr>
<td>9874563210</td><td>Kishore P</td><td>Male</td><td>Calicut</td><td><input
type="Button" value="delete" onclick="confirmDelete(this)"</td>
</tr>
</body>

```

[Index.js](#) --

```

function confirmDelete(o)
{
    var retVal = confirm("Do you want to Delete ?");
    if(retVal == true)
    {
        deleteContact(o);
        return true;
    }
}

function deleteContact(o)
{
    var p=o.parentNode.parentNode;
    p.parentNode.removeChild(p);
}

```

****Attention - 3/5 test cases will pass, js body is blank--**

UI - VEHICLE MANAGEMENT

```
<html>
<head>
<title>Vehicle Registration</title>
<script type="text/javascript" src="index.js" > </script>
</head>
<body>
<form id="registerVehicle">
<h1>Motor Vehicle Department of Kerala</h1>
<div id="registerDiv">
<h2>Vehicle Registration Form</h2>
</div>
<table style="border: 1px solid black; width: 80%; text-align: center;
background-color:#EF45E0;" id="vehicle">
<tr>
<td>Full name of Applicant</td>
<td>
<input type="text" required id="fullName" />
<span id="err1"></span>
</td>
</tr>
<tr>
<td>Age</td>
<td>
<input type="number" required id="age" />
<span id="err2"></span>
</td>
</tr>
<tr>
<td>Permanent Address</td>
<td>
<textarea required id="address"></textarea>
<span id="err3"></span>
</td>
</tr>
<tr>
<td>Contact Phone</td>
```

```

<td>
<input required type="text" id="phone" />
<span id="err4"></span>
</td>
</tr>
<tr>
<td>Class of vehicle</td>
<td>
<select id="vehClass">
<option value="Motorcycle With out Gear">Motorcycle With out Gear</option>
<option value="Motorcycle With Gear">Motorcycle With Gear</option>
<option value="Motor Car">Motor Car</option>
<option value="Light Motor Vehicle-Transport">Light Motor Vehicle-Transport</option>
</select>
<span id="err5"></span>
</td>
</tr>
<tr>
<td>Engine No</td>
<td>
<input type="number" id="engineNo"/>
<span id="err6"></span>
</td>
</tr>
<tr>
<td colspan="2">
<button type="submit" id="register">Register</button>
<button type="reset" id="cancel">Cancel</button>
</td>
</tr>
</table>
</form>
<div id="resultDiv">Close</div>
</body>
</html>

```

Index.js :-


```
function validateRegister() {}
```

```
=====
```

```
2 more ui codes remaining ---
```