//to compile : g++ pagerank.cpp -std=c++0x

//serial code

#include <omp.h>

#include <bits/stdc++.h>

using namespace std;

int main(int argc, char const \*argv[])

{

//int i;

string str;

//ofstream fo("/var/www/html/pagerank/display.php");

ofstream fo2("/var/www/html/pagerank/insert.php");

string list[10000][6];

std::fill(list[0], list[0] + 10000 \* 6, "0");

int count = 0;

int temp;

//fo << "hi";

fo2 << "<?php include('config.php'); "<<endl;

//fo2<< "DELETE FROM list"<<endl;

double start\_time = omp\_get\_wtime();

for(int j=1;j<=5;j++)

{

string temp3;

temp3 = "file" + to\_string(j) + ".txt";

ifstream fi(temp3); //"file" + temp2 + ".txt"

while (fi >> str)

{

int flag=0;

int i;

int temp23;

int flag2 = 1;

for (i = 0; i < count; ++i)

{

if(list[i][0]==str&&flag2==1)

{ //int b = atoi(a.c\_str());

flag=1;

temp = atoi(list[i][j].c\_str());//(int)list[i][j];

temp++;

//fo2<<str<<"$var=" << temp;

fo2<<"$query = \"UPDATE `list` SET `"<<j<<"`="<<temp<<" WHERE `string`='"<<str<<"';\";"<<endl;

fo2<<"mysqli\_query($con,$query);"<<endl;

stringstream convert;

convert << temp;

list[i][j] = convert.str();

flag2 = 0;

}

}

if(flag==0)

{ //count++;

list[count][0] = str;

list[count][j] = '1';

count++;

fo2 << "$var=\""<<str<<"\";"<<"\n";

fo2 << "$query = \"INSERT INTO `list`(`string`,`"<<j<<"`)VALUES ('\".$var.\"',1);\";"<<endl;

fo2 << "mysqli\_query($con,$query);"<<endl; }}}

fo2<<"header(\"Location:display.php\");?>";

/\*for (int i = 0; i < count; ++i)

{

//cout<<left<<setw(15)<<list[i][0]<<setw(4)<<list[i][1]<<setw(4)<<list[i][2]<<setw(4)<<list[i][3]<<endl;

for (int j = 0; j < 4; ++j)

{

cout<<left<<setw(5)<<list[i][j]<<" ";

}

cout<<endl;

}\*/

//cout<<count;

string str1;

cout<<"Enter the term to be searched:"<<endl;

cin>>str1;

int flag1=0;

int result;

for (int i = 0; i < count; ++i)

{

if(list[i][0] == str1)

{

flag1=1;

result = i;

//break;

}

}

if(flag1==0)

cout<<"No Results Found!!!"<<endl;

else

{

vector< pair<int, int> > v;

vector< pair<int, int> >::iterator it;

for (int i = 0; i < 5; ++i)

{

v.push\_back(make\_pair(atoi(list[result][i+1].c\_str()),i+1));

//atoi(list[result][i+1].c\_str()) }

sort(v.rbegin(),v.rend());

int index=1;

//cout<<"Rank"<<"\t"<<"Document"<<"\t"<<"frequency"<<endl;

for(it=v.begin();it!=v.end();it++)

{

//cout<<"frequency=>"<<it->first << " " <<" doc.ID=>"<<it->second<<endl;

//cout<<index++<<"=> "<<setw(10)<<"file"<<it->second<<".text"<<setw(10)<<it->first<<endl;

}

v.clear();

}

//list[count][i+1]

double time = omp\_get\_wtime() - start\_time;

printf("%lf",time);

return 0;

}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Config.php\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

ob\_start(); //Turns on output buffering

session\_start();

$timezone = date\_default\_timezone\_set("Asia/Kolkata");

$con = mysqli\_connect("localhost","root","14051995","pagerank"); //connection variable

if(mysqli\_connect\_errno())

{

echo "Failed to connect ".mysqli\_connect\_errno();

}

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Display.php\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

include("config.php");

?>

<!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">

<!-- The above 3 meta tags \*must\* come first in the head; any other head content must come \*after\* these tags -->

<title>Word Search</title>

<!-- Bootstrap -->

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media queries -->

<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->

<!--[if lt IE 9]>

<script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>

<script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>

<![endif]-->

<style type="text/css">

.navbar-brand{

font-size: 1.8em;

}

#topContainer {

background-image: url("background3.jpg");

height: 400px;

width: 100%;

background-size: cover;

}

#topRow{

margin-top: 100px;

text-align: center;

}

#topRow h1{

font-size: 300%;

}

.bold{

font-weight: bold;

}

.marginTop{

margin-top: 30px;

}

.center{

text-align: center;

}

.title{

margin-top: 100px;

font-size: 300%;

}

#footer{

background-color:#B0D1FB;

padding-top: 70px;

width: 100%;

}

.marginBottom{

margin-bottom: 30px;

}

.appstoreImage{

width:250px;

}

</style>

</head>

<body>

<div class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand">WordSearch</a>

</div>

<div class="collapse navbar-collapse">

<ul class="nav navbar-nav">

<li class="active"><a href="#topContainer">Home</a></li>

<li><a href="#result">Results</a></li>

<li><a href="#footer">About</a></li>

</ul>

</div>

</div>

</div>

<div class="container contentContainer" id="topContainer">

<div class="row">

<div class="col-md-6 col-md-offset-3" id="topRow">

<h1 class="marginTop">WordSearch</h1>

<p class="lead">This is the web interface for the Parallel Word Search.</p>

<p>Openmp is the underlying technology</p>

<p class="bold marginTop">Interested? Check it how awesome it is!</p>

<form class="marginTop" action="display.php" method="GET">

<div class="input-group">

<span class="input-group-addon">=></span>

<input type="text" placeholder="Search term goes here...." class="form-control" name="query" />

</div>

<input type="submit" class="btn btn-success btn-lg marginTop" />

</form>

</div>

</div>

</div>

<div class="container contentContainer" id="result">

<div class="row" class="center">

<h1 class="center title">Results</h1>

</div>

<?php

$query = $\_GET['query'];

$raw\_results = mysqli\_query($con,"SELECT \* FROM list

WHERE string = '$query' ");

if(mysqli\_num\_rows($raw\_results)==0)

echo "No Results Found";

else

{

while($row=mysqli\_fetch\_array($raw\_results)){

$a = $row['1'];

$b = $row['2'];

$c = $row['3'];

$d = $row['4'];

$e = $row['5'];

$arr2=array();

$arr = array("first.txt"=>$a,"second.txt"=>$b,"third.txt"=>$c,"fourth.txt"=>$d,"fifth.txt"=>$e);

arsort($arr);

foreach ($arr as $key => $value) {

array\_push($arr2, $key);

array\_push($arr2,$value);

}

?>

<div class="container">

<center> <h2>Word Search</h2> </center>

<table class="table table-striped">

<thead>

<tr>

<th>Rank</th>

<th>Document</th>

<th>Frequency</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td><?php echo $arr2[0];?></td>

<td><?php echo $arr2[1];?></td>

</tr>

<tr>

<td>2</td>

<td><?php echo $arr2[2];?></td>

<td><?php echo $arr2[3];?></td>

</tr>

<tr>

<td>3</td>

<td><?php echo $arr2[4];?></td>

<td><?php echo $arr2[5];?></td>

</tr>

<tr>

<td>4</td>

<td><?php echo $arr2[6];?></td>

<td><?php echo $arr2[7];?></td>

</tr>

<tr>

<td>5</td>

<td><?php echo $arr2[8];?></td>

<td><?php echo $arr2[9];?></td>

</tr>

</tbody>

</table>

</div><?php} }

?>

</div>

<div class="container contentContainer" id="footer" >

<div class="row" >

<h1 class="center title">

Git Hub Repository!!

</h1>

<p class="lead center">

Made By:<br>

1.Snigdh Gupta &nbsp;&nbsp;&nbsp; 149105462<br>

2.Sumitkumar Yadav &nbsp;&nbsp;&nbsp; 149105478

</p>

<center><h2><a href="https://github.com/ysumit99">Get code!</a></h2></center>

</div> </div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>

<!-- Include all compiled plugins (below), or include individual files as needed -->

<script src="js/bootstrap.min.js"></script>

<script type="text/javascript">

$(".contentContainer").css("min-height",$(window).height());

</script>

</body>

</html>