

CS 386: Quiz 5, 16 May 2006

Name: _____ Key _____

No books or notes. Work individually.

Consider the following PHP file, which uses the `intro_club` database containing the table `Clubs`.

```
<?php
$username = "introdb_readonly";
$password = "introdb";
$databasename = "intro_club"; (I had the wrong DB name)
$hostname = "db.cecs.pdx.edu";

$connection = pg_connect("host=$hostname dbname=$databasename
    user=$username password=$password")
    or die ("Could not connect");

$query1 = "
SELECT year, sum(members) as total FROM Clubs
GROUP BY year ORDER BY year;
";

$query2 = "
SELECT members, cname FROM Clubs WHERE year = 2006;
";

echo "<p>CLUB INFO</p>"

$result = pg_query($connection, $query2) or die("Query error");
$row = 0;
echo "<p>Number of clubs:" . pg_num_rows($result) . "</p>";
echo "2006 Members:<br/>\n"
while ($row = pg_fetch_row($result)) {
    echo "$row[1] $row[0]<br/>\n";
};

$result = pg_query($connection, $query1) or die("Query error");
$row = 0;
echo "Total members by year:<br/>\n"
while ($row = pg_fetch_row($result)) {
    echo "$row[0] $row[1]<br/>\n";
};

pg_close($connection);
?>
```

Assuming the value of the clubs table below, show what the result of evaluating this PHP page looks like on the user's browser display.

Clubs (cname	year	members)
Biking	2004	18
Biking	2005	22
Biking	2006	24
ACM	2004	27
ACM	2005	27
ACM	2006	31

CLUB INFO

Number of clubs:2

2006 Members:

Biking 24

ACM 31

Total members by year:

2004 45

2005 49

2006 55