

PROGRAM - 08:

SELECTION SORT

PAGE NO.
DATE / /

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<style>
```

```
table, td, th
```

```
{
```

```
border: 1px solid black;
```

```
width: 33%;
```

```
text-align: center;
```

```
border-collapse: collapse;
```

```
background-color: lightblue;
```

```
}
```

```
table { margin: auto; }
```

```
</style>
```

```
<? php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "root";
```

```
$dbname = "webdb";
```

```
$a = [];
```

```
$conn = mysqli_connect($servername, $username,  
$password, $dbname);
```

```
if($conn -> connect_error)
```

```
die("connection failed:",
```

```
$conn -> connect_error);
```

```
$sql = "SELECT * FROM STUDENT";
```

```
$result = $conn -> query($sql);
```

```
echo "<br>";
```

```
echo "<center> BEFORE SORTING </center>";
```

```
echo "<table border='0'>";
```

```
echo "<tr>";
```

```
echo "<th> USN </th> <th> NAME </th> <th> Address  
</th> </tr>";
```

```
if($result -> num_rows > 0)
```

```
{
```

```
while($row = $result -> fetch_assoc())
```

```
{
```

```
echo "<tr>";
```

```
echo "<td>". $row["usn"]. "</td>";
```

```
echo "<td>". $row["name"]. "</td>";
```

```
echo "<td>". $row["address"]. "</td> </tr>";
```

```
array_push($a, $row["usn"]);
```

```
}
```

```
}
```

chr
echo "Tabl in Empty"

echo "</tabl>"

\$n = count(\$a);

\$b = \$a;

for(\$i=0; \$i < (\$n-1); \$i++)

{
\$pos = \$i;

for(\$j = \$i+1; \$j < \$n; \$j++)

{
if(\$a[\$pos] > \$a[\$j])

\$pos = \$j;

}
if(\$pos != \$i)

{
\$temp = \$a[\$i];

\$a[\$i] = \$a[\$pos];

\$a[\$pos] = \$temp;

}

}
\$c[];

\$d = 1];

echo "<bn>"

echo "<entn> AFTER SORTING

<entn>"

echo "<tabl border = '1'>"

echo "<tn>"

echo "<th> USN<th><th>NAME<th>Address<th>

for(\$i=0; \$i < \$n; \$i++)

{
echo "<tn>"

echo "<td>". \$a[\$i]. "</td>"

echo "<td>". \$c[\$i]. "</td>"

echo "<td>". \$d[\$i]. "</td></tr>"

}

echo "</tabl>"

\$comm -> clear();

?>

</body>

</html>