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<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Database</title>
</head>
<body>
    <h1>KSIT Student Database</h1>
    <form method="post" action="student.php">
        <h2>Enter Student Details:</h2>
        <label>USN: </label>
        <input type="text" name="usn"><br><br>
        <label>Name: </label>
        <input type="text" name="name"><br><br>
        <label>CGPA: </label>
        <input type="text" name="cgpa"><br><br>
        <input type="submit" value="Insert">
    </form>
</body>
</html>

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<?php
$servername = "localhost";
$username = "root";
$password = "";

try {
    $conn = new PDO("mysql:host=$servername;dbname=student", $username,
$password);
} catch(PDOException $e) {
    echo "Connection failed: " . $e->getMessage();
}
?>

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<html>
<head>

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    <title>KSIT Student Database</title>
</head>
<style>
body{
    background-color: black;
    font-family: monospace;
    font-size: 10px;
    font-weight: 10px;
}
table{
    width:100%;
    border: 3px solid black;
    text-align: center;
    padding: 15px;
    margin:5px;
    color: white;
    font-size: 15px;
}
caption{
    color:white;
}
th{
    background-color: #4CAF50;
    padding: 15px;
}
td{
    padding: 15px;
}
button{
    padding: 5px;
    border: 3px solid white;
    background-color: palevioletred;
}
</style>
<body>
    <a href="student.html"><button>Back</button></a>
<?php
require 'pdo.php';
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        $name = $_POST["name"];

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$usn = $_POST["usn"];
$cgpa = $_POST["cgpa"];
try {
    $sql = "INSERT INTO student(usn,name,cgpa) VALUES
('$usn','$name','$cgpa')";
    $conn->exec($sql);
    print"<script>alert('New Record Inserted')</script>";
    $result=$conn->prepare("select * from student");
    $result->execute();
}
catch(PDOException $e) {
    echo $e->getMessage();
}
$conn=null;
function display($x)
{
    print "<table><h1>KSIT Student
Database</h1><tr><th>USN</th><th>NAME</th><th>CGPA</th></tr>";
    foreach($x as $s)
    {
        print"<tr>";
        foreach($s as $k=>$v)
        {
            print "<td>".$v."</td>";
        }
        print"</tr>";
    }
    print"</table>";
}
function swap($y,$m,$n)
{
    $temp=$y[$m];
    $y[$m]=$y[$n];
    $y[$n]=$temp;
    return $y;
}
function selectionsort($x,$y)
{
    for($i=0;$i<count($x)-1;$i++)

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        {
            $minj=$i;
            for($j=($i+1);$j<count($x);$j++)
            {
                if(($x[$j][$y]<$x[$minj][$y])){
                    $minj=$j;
                }
            }
            if($minj!=$i)
            {
                $x=swap($x,$i,$minj);
            }
        }
        return $x;
    }
    $students=$result->fetchAll(PDO::FETCH_ASSOC);
    print "<table><caption><h1>Student Records:</h1><caption><tr><td>";
    display($students," Original");
    print"</td>";
    $students=selectionsort($students,'cgpa');
    print"<td>";
    display($students);
    print"</td>";
    print"</td></tr></table>";
?>
</body>
</html>

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