

Asignatura: OPC 13 – Cloud Computing

Problemas con php, semana 5

Temas: Crear un programa que calcule la fórmula de conversión de grados F a C y viceversa, crear el front-end para operar esas fórmulas.

Integrantes:

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Conversion.php

```
<!--
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-->

<!DOCTYPE html>
<html lang="es">
<head>
    <meta charset="UTF-8">
    <title>Practica</title>
    <style>
        body {
            font-family: "Segoe UI", Tahoma, Geneva, Verdana,
            sans-serif;
            background: linear-gradient(135deg, #CDA3FF, #F6A3FF);
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            margin: 0;
        }
        .form-container {
            background: #fff;
            padding: 30px 40px;
            border-radius: 20px;
            box-shadow: 0 10px 25px rgba(0, 0, 0, 0.2);
            width: 100%;
            max-width: 400px;
            text-align: center;
        }
    </style>
</head>
<body>
    <div class="form-container">
        <h1>Conversor de Temperatura</h1>
        <form>
            <label>Temperatura (Farenheit):</label>
            <input type="text" id="farenheit">
            <label>Temperatura (Celsius):</label>
            <input type="text" id="celsius">
            <button type="button" onclick="convertir()>Convertir</button>
            <div id="resultado"></div>
        </form>
    </div>
</body>
</html>
```

```
.form-container h2 {
    margin-bottom: 20px;
    color: #6a11cb;
}

.form-container input[type="text"],
.form-container input[type="email"] {
    width: 100%;
    padding: 12px;
    margin: 10px 0;
    border: 2px solid #d1c4e9;
    border-radius: 12px;
    outline: none;
    font-size: 16px;
    transition: 0.3s;
}

.form-container input[type="text"]:focus,
.form-container input[type="email"]:focus {
    border-color: #8e2de2;
    box-shadow: 0 0 8px rgba(142, 45, 226, 0.5);
}

.form-container button {
    margin-top: 15px;
    width: 100%;
    padding: 12px;
    background: linear-gradient(135deg, #3D1463, #3D1463);
    border: none;
    border-radius: 12px;
    font-size: 16px;
    font-weight: bold;
    color: white;
    cursor: pointer;
    transition: transform 0.2s ease, box-shadow 0.2s ease;
}

.form-container button:hover {
    transform: scale(1.05);
    box-shadow: 0 5px 15px rgba(142, 45, 226, 0.4);
}

.resultado {
    margin-top: 20px;
    padding: 15px;
    background: #f3e5f5;
    border-left: 5px solid #8e2de2;
    border-radius: 10px;
    font-size: 18px;
    color: #4a148c;
    box-shadow: 0 4px 8px rgba(0,0,0,0.1);
```

```

        text-align: center;
    }

```

```

</style>
</head>
<body>
    <div class="form-container">
        <h2>Resultado</h2>
        <?php
            $conv = $_POST['conversion'];
            if(isset($_POST['temp'])){
                $temp = $_POST['temp'];
                if (is_numeric($temp)) {
                    if($conv == 'CaF'){
                        $temp = ($temp*9/5)+32;
                        echo $temp." Grados fahrenheit";
                    }
                    else{
                        $temp = ($temp-32)*5/9;
                        echo $temp." Grados centigrados ";
                    }
                }
                else
                    echo '<h3>ERROR: Debes ingresar una
temperatura</h3>';
            }
        ?>
    </div>
</body>
</html>

```

temperatura.php

```

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            display: flex;
            justify-content: center;
        }
    </style>

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    align-items: center;
    height: 100vh;
    margin: 0;
}

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    background: #fff;
    padding: 30px 40px;
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    border-radius: 10px;
    font-size: 18px;
    color: #4a148c;
    box-shadow: 0 4px 8px rgba(0,0,0,0.1);
    text-align: center;
}
</style>
</head>
<body>
<div class="form-container">
    <h2>Transformar temperaturas</h2>
    <form action="conversion.php" method="post">
        Introduce la temperatura:
        <input type="text" name="temp" placeholder="Valor">
        <input type="radio" id="CaF" name="conversion"
value="CaF" checked>
            <label for="CaF">Grados C a Grados F</label><br>
        <input type="radio" id="FaC" name="conversion"
value="FaC">
            <label for="FaC">Grados F a Grados C</label>
        <button type="submit">Transformar</button>
    </form>
</div>
</body>
</html>
```