

## App.py

```
@app.route('/cinepolis', methods=['GET', 'POST'])

def cinepolis():

    form = CinepolisForm()
    total = 0.0
    error = None

    PRECIO_BOLETA = 12.00 # Ajustado a 12.00 como solicitaste

    if request.method == 'POST' and form.validate():

        n_compradores = form.compradores.data
        n_boletas = form.boletas.data

        # Regla: No más de 7 boletas por persona
        max_permitido = n_compradores * 7

        if n_boletas > max_permitido:

            error = f"No se pueden comprar más de 7 boletas por persona.
Máximo: {max_permitido}" [cite: 22]

        else:

            subtotal = n_boletas * PRECIO_BOLETA

            # Descuento por cantidad de boletas
            if n_boletas > 5:

                subtotal *= 0.85 # 15% de descuento [cite: 23, 24]

            elif 3 <= n_boletas <= 5:

                subtotal *= 0.90 # 10% de descuento [cite: 25]

            # Descuento adicional por Tarjeta Cineco
            if form.tarjeta.data == 'S':

                subtotal *= 0.90 # 10% adicional [cite: 27]

    total = round(subtotal, 2)

    return render_template('cinepolis.html', form=form, total=total,
error=error)
```

## forms.py

```
from flask_wtf import FlaskForm
from wtforms import StringField, IntegerField, RadioField
from wtforms.validators import DataRequired, NumberRange

class CinepolisForm(FlaskForm):
    nombre = StringField('Nombre', validators=[DataRequired(message="El nombre es obligatorio")])
    compradores = IntegerField('Cantidad Compradores',
                               validators=[DataRequired(), NumberRange(min=1)])
    boletas = IntegerField('Cantidad De Boletas', validators=[DataRequired(),
                                                               NumberRange(min=1)])
    tarjeta = RadioField('Tarjeta Cineco', choices=[('S', 'Si'), ('N', 'No')], default='N')
    layout.html
    {% block content %}
    <style>
        /* Estilos para igualar la imagen del caso */
        .cine-container {
            background-color: #3b5998;
            /* Azul Cinepolis */
            border: 2px solid #fff;
            padding: 25px;
            color: white;
            border-radius: 5px;
        }
        .header-cine {
            background-color: white;
            color: black;
            width: fit-content;
            padding: 2px 15px;
            margin: 0 auto 20px auto;
            font-weight: bold;
        }
        .section-border {
    
```

```
        border: 1px solid rgba(255, 255, 255, 0.5);
        padding: 15px;
        margin-bottom: 20px;
    }

    .brand-title {
        font-size: 3rem;
        font-weight: bold;
        text-align: center;
        margin-bottom: 0;
    }

    .brand-subtitle {
        text-align: center;
        letter-spacing: 5px;
        font-size: 0.9rem;
        margin-bottom: 20px;
    }

    .btn-cine {
        background-color: #e0e0e0;
        color: black;
        border: 1px solid #000;
        margin: 0 5px;
    }

```

</style>

```
<body class="bg-light">
    <div class="container mt-3">
        <div class="cine-container">
            <div class="header-cine">Cinepolis</div> [cite: 8]

            <form method="POST">
                {{ form.hidden_tag() }}
                <div class="row">
```

```
<div class="col-md-7">
    <div class="section-border">
        <small>Entradas</small> [cite: 3]
        <div class="mb-2">
            <label class="form-label">{{ form.nombre.label }}</label> [cite: 4]
            {{ form.nombre(class="form-control form-control-sm") }}
        </div>
        <div class="mb-2">
            <label class="form-label">{{ form.compradores.label }}</label> [cite: 5]
            {{ form.compradores(class="form-control form-control-sm") }}
        </div>
        <div class="mb-2">
            <label class="form-label">{{ form.tarjeta.label }}</label> [cite: 6]
            <div class="d-flex gap-3">
                {% for subfield in form.tarjeta %}
                    <div>{{ subfield }} {{ subfield.label }}</div>
                {% endfor %}
            </div>
        </div>
        <div class="mb-2">
            <label class="form-label">{{ form.boletas.label }}</label> [cite: 7]
            {{ form.boletas(class="form-control form-control-sm") }}
        </div>
    </div>
</div>

<div class="col-md-5">
    <div class="section-border h-100">
        <small>Salidas</small> [cite: 9]
        <div class="mt-4">
```

```

        <label>{{ form.nombre.data if
form.nombre.data else 'Cliente' }} - Valor a Pagar</label>
        [cite: 10]
        <input type="text" class="form-control bg-
white" value="${{ total }}" readonly>
        </div>
        </div>
        </div>
        </div>

        <div class="brand-title">Cinépolis</div> [cite: 13]
        <div class="brand-subtitle">LA CAPITAL DEL CINE</div> [cite:
14]

        {% if error %}
        <div class="alert alert-danger py-1">{{ error }}</div>
        {% endif %}

        <div class="section-border text-center">
            <small class="d-block text-start">Acciones</small> [cite:
15]
            <button type="submit" class="btn btn-cine btn-sm px-
4">Procesar</button> [cite: 16]
            <button type="reset" class="btn btn-cine btn-sm px-
4">Salir</button> [cite: 17]
        </div>
        </form>
    </div>
</body>
{% endblock %}

```

## Cinepolis.html

```
{% extends "layout.html" %}

{% from "_macros.html" import render_field %}

{% block content %}

<style>

body {
    background-color: #ffffff; /* Fondo blanco */
    font-family: Tahoma, Arial, sans-serif;
    margin: 0;
    padding: 0;
}

/* Ventana tipo aplicación */

.app-window {
    width: 900px;
    margin: 40px auto;
    background-color: #1f3c88; /* Azul Cinépolis */
    color: white;
    padding: 20px;
    border: 3px solid #102a5e; /* Borde marcado */
    box-shadow: 0 0 0 2px #ffffff; /* efecto ventana */
}

h2 {
    margin-bottom: 25px;
}

.panels {
    display: flex;
    gap: 40px;
}

fieldset {
    border: 1px solid #cf8dff;
```

```
padding: 20px;
width: 100%;

}

legend {
    padding: 0 10px;
    font-style: italic;
    font-size: 1.1rem;
    color: white;
}

label {
    display: block;
    margin-top: 10px;
    font-size: 0.9rem;
}

.form-control {
    width: 90%;
    height: 26px;
    font-size: 0.9rem;
    margin-top: 5px;
    color: black;
}

.output {
    background: white;
    color: black;
    width: 160px;
    padding: 5px;
    font-weight: bold;
    border: 1px solid black;
    margin-top: 5px;
}
```

```
.actions {
    margin-top: 25px;
    text-align: center;
}

.btn-custom {
    background-color: #dcdcdc;
    color: black;
    border: 1px solid black;
    padding: 6px 25px;
    margin: 0 10px;
    cursor: pointer;
    text-decoration: none;
}

.btn-custom:hover {
    background-color: #f1f1f1;
}

</style>
<div class="app-window">

<h2>Cinépolis: La Capital del Cine</h2>

<form method="POST">
    <input type="hidden" name="csrf_token" value="{{ csrf_token() }}">

    <div class="panels">

        <!-- ENTRADAS -->
        <fieldset>
            <legend>Entradas</legend>
            {{ render_field(form.nombre, class="form-control") }}
    
```

```
{% extends "base.html" %}

{% block content %}

    {{ render_field(form.compradores, class="form-control") }}

    <div class="radio-group">
        {{ render_field(form.tarjeta) }}
    </div>

    {{ render_field(form.boletas, class="form-control") }}
</fieldset>

<!-- SALIDAS -->
<fieldset>
    <legend>Salidas</legend>

    <label>Valor a Pagar</label>
    <div class="output">
        $ {{ "{:.2f}".format(total) if total else '0.00' }}
    </div>
</fieldset>

</div>

<!-- ACCIONES -->
<fieldset class="actions">
    <legend>Acciones</legend>
    <button type="submit" class="btn-custom">Procesar</button>
    <a href="/" class="btn-custom">Salir</a>
</fieldset>

</form>

</div>
{% endblock %}
```

## macros.thml

```
{# Macro para inputs normales (Alumnos/Usuarios) #}

{% macro camposNuevos(field) %}

<div class="mb-3">

    {{ field.label(class="form-label") }}

    {{ field(class="form-control", **kwargs) }}

    {% if field.errors %}

        {% for error in field.errors %}

            <p style="color: red; font-size: 0.8rem;">{{ error }}</p>

        {% endfor %}

    {% endif %}

</div>

{% endmacro %}

{% macro render_field(field) %}

<div class="mb-2">

    <label class="fw-bold text-white">{{ field.label }}</label>

    {{ field(**kwargs) }}

</div>

{% endmacro %}
```