Roll no: 202501100500035

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HTML CODE:

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>PrimeEstate – Real Estate Listings</title>
  <style>
    :root{
      --bg:#f5f7fa;
      --primary:#1a73e8;
      --text:#222;
      --muted:#666;
      --card:#fff;
      --radius:10px;
      font-family:Inter,Arial;
    }
    body{
      margin:0; background:var(--bg); color:var(--text);
    }
    header{
      background:var(--primary);
      color:#fff; padding:16px 28px;
      display:flex;justify-content:space-between;align-items:center;
    }
    nav a{color:#fff;text-decoration:none;margin-left:16px;font-weight:600;}
    .container{max-width:1200px;margin:20px auto;padding:0 16px;}

    /* Search */
    .search-box{
      background:var(--card);padding:18px;border-radius:var(--radius);
      box-shadow:0 3px 10px rgba(0,0,0,0.08);
      display:flex;gap:12px;flex-wrap:wrap;
    }
    select,input{
      padding:10px;border-radius:6px;border:1px solid #ccc;flex:1;
    }
```

```
    button{
      background:var(--primary);color:#fff;border:none;padding:12px 18px;
      border-radius:6px;font-weight:700;cursor:pointer;
    }

    /* Grid */
    .grid{display:grid;grid-template-columns:repeat(auto-fit,minmax(280px,1fr));gap:18px;margin-top:20px;}
    .card{
      background:var(--card);border-radius:var(--radius);
      box-shadow:0 3px 10px rgba(0,0,0,0.08);
      overflow:hidden;
    }
    .card img{width:100%;height:180px;object-fit:cover;}
    .card-body{padding:14px;}
    .price{font-size:22px;font-weight:800;color:var(--primary);}
    .location{color:var(--muted);font-size:14px;margin-bottom:6px;}

    /* Inquiry form */
    .form-box{
      margin-top:30px;background:var(--card);padding:20px;border-radius:var(--radius);
      box-shadow:0 3px 10px rgba(0,0,0,0.08);
    }
    textarea{width:100%;padding:10px;border-radius:6px;border:1px solid #ccc;min-height:100px;}

    footer{
      margin-top:40px;padding:18px;text-align:center;background:#222;color:#eee;
    }
  </style>
</head>
<body>
  <header>
    <h2>PrimeEstate</h2>
    <nav>
      <a href="#listings">Listings</a>
      <a href="#contact">Contact</a>
      <a href="#inquiry">Inquiry</a>
    </nav>
  </header>

  <div class="container">
    <h2>Search Properties</h2>
    <div class="search-box">
      <select id="type">
        <option value="">Property Type</option>
        <option>Apartment</option>
```

```html
      <option>Villa</option>
      <option>Plot</option>
    </select>
    <select id="city">
      <option value="">City</option>
      <option>Mumbai</option>
      <option>Delhi</option>
      <option>Bangalore</option>
    </select>
    <select id="budget">
      <option value="">Budget</option>
      <option>Under ₹50L</option>
      <option>₹50L – ₹1Cr</option>
      <option>₹1Cr+</option>
    </select>
    <button onclick="applyFilter()">Search</button>
  </div>


  <h2 style="margin-top:30px" id="listings">Featured Listings</h2>
  <div class="grid" id="propertyGrid">
    <!-- Properties will be inserted by JS -->
  </div>


  <!-- Inquiry Form -->
  <h2 id="inquiry" style="margin-top:32px">Send an Inquiry</h2>
  <div class="form-box">
    <form onsubmit="event.preventDefault(); alert('Inquiry Submitted!');">
      <label>Name</label><br>
      <input required type="text" style="width:100%;margin-bottom:10px" /><br>


      <label>Email</label><br>
      <input required type="email" style="width:100%;margin-bottom:10px" /><br>


      <label>Message</label><br>
      <textarea required placeholder="Tell us about your requirement..."></textarea><br><br>


      <button type="submit">Submit Inquiry</button>
    </form>
  </div>
</div>


<footer>
  © 2025 PrimeEstate • All Rights Reserved
</footer>
```

```
<script>

const properties = [

  {img:"https://picsum.photos/500/300?1", price:"₹82,00,000", type:"Apartment", city:"Mumbai", title:"2 BHK Sea View Apartment",
location:"Bandra West, Mumbai"},

  {img:"https://picsum.photos/500/300?2", price:"₹1,45,00,000", type:"Villa", city:"Delhi", title:"Luxurious 4BHK Villa", location:"Greater
Kailash, Delhi"},

  {img:"https://picsum.photos/500/300?3", price:"₹38,00,000", type:"Apartment", city:"Bangalore", title:"1 BHK Budget Flat", location:"HSR
Layout, Bangalore"},

  {img:"https://picsum.photos/500/300?4", price:"₹3,20,00,000", type:"Villa", city:"Mumbai", title:"5BHK Premium Villa", location:"Juhu,
Mumbai"}

];


function render(list){

  const grid = document.getElementById('propertyGrid');

  grid.innerHTML = list.map(p => `

    <div class="card">

      <img src="${p.img}" alt="property">

      <div class="card-body">

        <div class="price">${p.price}</div>

        <div class="location">${p.location}</div>

        <div><strong>${p.title}</strong></div>

        <div class="muted">${p.type} • ${p.city}</div>

      </div>

    </div>

  `).join('');

}


function applyFilter(){

  const t=document.getElementById('type').value;

  const c=document.getElementById('city').value;

  const b=document.getElementById('budget').value;


  let filtered = properties.filter(p =>(

    (!t || p.type===t) &&

    (!c || p.city===c) &&

    (!b || matchBudget(p.price,b))

  ));

  render(filtered);

}


function matchBudget(price,budget){

  const val = parseInt(price.replace(/₹|,|,/g,''));

  if(budget==="Under ₹50L") return val < 5000000;

  if(budget==="₹50L – ₹1Cr") return val >= 5000000 && val <= 10000000;

  if(budget==="₹1Cr+") return val > 10000000;
```

```
      return true;
    }


    render(properties);
  </script>
</body>
</html>
```