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<!DOCTYPE html>
<html>
<head>
  <title>Social Media Engagement Analysis</title>

  <style>
    body {
      font-family: Arial, sans-serif;
      background: linear-gradient(to right, #c77aa0, #83b1b4);
      padding: 30px;
    }

    h1 {
      text-align: center;
      margin-bottom: 30px;
    }

    .top {
      display: flex;
      justify-content: space-between;
      gap: 20px;
    }

    .box {
      width: 48%;
      background: white;
      padding: 20px;
      border-radius: 12px;
      box-shadow: 0 0 15px rgba(0,0,0,0.3);
      text-align: center;
    }

    .box img {
      width: 80px;
      margin-bottom: 10px;
    }

    input {
      width: 90%;
      padding: 8px;
      margin: 6px 0;
      border-radius: 5px;
      border: 1px solid #ccc;
    }
  </style>
</head>
<body>
  <h1>Social Media Engagement</h1>
  <div class="top">
    <div class="box">
      <img alt="Twitter logo" data-bbox="120 120 180 180" />
      <input type="text" value="Search for tweets" />
    </div>
    <div class="box">
      <img alt="Facebook logo" data-bbox="220 120 280 180" />
      <input type="text" value="Search for posts" />
    </div>
  </div>
</body>
</html>
```

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.bottom {
  margin-top: 30px;
  background: white;
  padding: 25px;
  border-radius: 12px;
  box-shadow: 0 0 15px rgba(0,0,0,0.3);
}

button {
  display: block;
  margin: 15px auto;
  padding: 10px 30px;
  background-color: #ff416c;
  border: none;
  color: white;
  font-size: 16px;
  border-radius: 6px;
  cursor: pointer;
}

button:hover {
  background-color: #ff4b2b;
}

.result {
  background: #f4f4f4;
  padding: 15px;
  border-radius: 8px;
  line-height: 1.6;
  font-size: 15px;
  margin-top: 15px;
}
</style>
</head>

<body>

<h1> Social Media Engagement Analysis</h1>

<div class="top">

  <div class="box">
    
```

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    <h3>YouTube Details</h3>
    <input type="number" id="ytFollowers" placeholder="Subscribers">
    <input type="number" id="ytLikes" placeholder="Likes">
    <input type="number" id="ytComments" placeholder="Comments">
    <input type="number" id="ytShares" placeholder="Shares">
  </div>

  <div class="box">
    
    <h3>Instagram Details</h3>
    <input type="number" id="igFollowers" placeholder="Followers">
    <input type="number" id="igLikes" placeholder="Likes">
    <input type="number" id="igComments" placeholder="Comments">
    <input type="number" id="igShares" placeholder="Shares">
  </div>

</div>

<div class="bottom">
  <h3 style="text-align:center;">Calculation & Result</h3>

  <button onclick="calculate()">Calculate Engagement</button>

  <div class="result" id="output">
    Enter YouTube and Instagram values above, then click Calculate.
  </div>
</div>

<script>
function calculate() {

  let ytF = Number(ytFollowers.value) || 0;
  let ytL = Number(ytLikes.value) || 0;
  let ytC = Number(ytComments.value) || 0;
  let ytS = Number(ytShares.value) || 0;

  let igF = Number(igFollowers.value) || 0;
  let igL = Number(igLikes.value) || 0;
  let igC = Number(igComments.value) || 0;
  let igS = Number(igShares.value) || 0;

  if (ytF === 0 || igF === 0) {

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        output.innerHTML = " Subscribers / Followers cannot be zero.";
        return;
    }

    let ytTotal = ytL + ytC + ytS;
    let igTotal = igL + igC + igS;

    let ytRate = (ytTotal / ytF) * 100;
    let igRate = (igTotal / igF) * 100;

    let better =
        ytRate > igRate ? "YouTube has better engagement" :
        igRate > ytRate ? "Instagram has better engagement" :
        "Both platforms have equal engagement";

    output.innerHTML = `
        <b>YouTube Engagement Calculation</b><br>
        (Likes + Comments + Shares) / Subscribers × 100<br>
        = (${ytL} + ${ytC} + ${ytS}) / ${ytF} × 100<br>
        = <b>${ytRate.toFixed(2)}%</b><br><br>

        <b>Instagram Engagement Calculation</b><br>
        (Likes + Comments + Shares) / Followers × 100<br>
        = (${igL} + ${igC} + ${igS}) / ${igF} × 100<br>
        = <b>${igRate.toFixed(2)}%</b><br><br>

        <b>${better}</b>
    `;
}
</script>

</body>
</html>

```

Output:

file:///C:/Users/HOME/OneDrive/Documents/Desktop/code/instagram.html