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<html>
  <head>
    <title>Date Entry</title>
    <meta name="viewport" content="initial-scale=1.00" />
    <style>
      #month,#day,#year { font-size: 125%; }
      .error { border-color: red; border-width: thin; }
    </style>
    <script type="text/javascript">

      //uncomment the required format & separator
      let useTodayAsDefault = true;
      let format = "MMDDYYYY";
      let separator = '/';
      let isYearNeeded = "Yes";
      let minYear = 2020;
      let maxYear = 2050;
      var wasAnswerSet = false;
      // The app calls this to overwrite the current answer with a saved answer.
      function setAnswerForCR(the_answer) {
        if (the_answer.trim() != "" && !wasAnswerSet) wasAnswerSet = true;
        var answer = the_answer.split(separator);
        var month = '';
        var day = '';
        var year = '';
        switch (format) {
          default:
          case "MMDDYYYY":
            if (answer[0] && answer[1]) {
              month = answer[0];
              day = answer[1];
            }
            break;
          case "DDMMYYYY" :
            if (answer[0] && answer[1]) {
              day = answer[0];
              month = answer[1];
            }
            break;
        }
        if (month) document.getElementById("month").value = month;
        if (day) document.getElementById("day").value = day;
        if (isYearNeeded && answer[2]) {
          year = answer[2];
          document.getElementById("year").value = year;
          setDeviceDate();
        }
      }

      // The app and fireAnswerForCR calls this to get the current answer.
      function getAnswerForCR() {
        return document.getElementById("deviceDate").value;
      }
    </script>
  </head>
</html>

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// Sends the answer to the app. It should be called anytime the answer changes.
function fireAnswerForCR() {
    setDate();
    window.location = "codereadr:answerForCR:" + getAnswerForCR();
}
// Tests the current answer input for a regular expression match.
function isAnswerValidForCR() {
    var month = document.getElementById('month').value;
    var day = document.getElementById('day').value;
    var year = document.getElementById('year').value;
    if (month == '' && day == '' && year == '') {
        return true;
    }
    if (!day) {
        document.getElementById('day').classList.add("error");
        return false;
    } else if (!month) {
        document.getElementById('month').classList.add("error");
        return false;
    } else if (isYearNeeded && !year) {
        document.getElementById('year').classList.add("error");
        return false;
    }
    return true;
}
function addZero(i) {
    if (i < 10) {
        i = "0" + i;
    }
    return i;
}
//populate options on load
function populateOptions() {
    var today = new Date();
    var dd = addZero(today.getDate());
    var mm = addZero(today.getMonth()+1);
    var yyyy = today.getFullYear();
    if (!useTodayAsDefault) dd = mm = yyyy = "";

    //year
    for (var y = minYear; y <= maxYear; y++) {
        var optn = document.createElement("OPTION");
        optn.text = y;
        optn.value = y;
        if (optn.value == yyyy) {
            optn.selected = true;
        }
        document.getElementById('year').options.add(optn);
    }
    //End Year
    //month
    var monthArray = [];
    monthArray[0] = "January";

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monthArray[1] = "February";
monthArray[2] = "March";
monthArray[3] = "April";
monthArray[4] = "May";
monthArray[5] = "June";
monthArray[6] = "July";
monthArray[7] = "August";
monthArray[8] = "September";
monthArray[9] = "October";
monthArray[10] = "November";
monthArray[11] = "December";
for (var m = 0; m <= 11; m++) {
    var mnthOptn = document.createElement("OPTION");
    mnthOptn.text = monthArray[m];
    mnthOptn.value = addZero((m + 1));
    if (mnthOptn.value == mm) {
        mnthOptn.selected = true;
    }
    document.getElementById('month').options.add(mnthOptn);
}
//End Month
//day
for (var day = 1; day <= 31; day++) {
    var dayOptn = document.createElement("OPTION");
    dayOptn.text = day;
    dayOptn.value = addZero(day);
    if (dayOptn.value == dd) {
        dayOptn.selected = true;
    }
    document.getElementById('day').options.add(dayOptn);
}
//End day
if (isYearNeeded == 'No') {
    document.getElementById("year").style.display = "none";
}

setTimeout(function(){ if (useTodayAsDefault && !wasAnswerSet)
fireAnswerForCR(); }, 1000);
}

function setDateDeviceDate() {
    document.getElementById('month').classList.remove("error");
    document.getElementById('day').classList.remove("error");
    document.getElementById('year').classList.remove("error");
    let month = document.getElementById("month").value;
    let day = document.getElementById("day").value;
    let year = document.getElementById("year").value;
    let fullDate = '';
    switch (format) {
        default:
        case "MMDDYYYY":
            fullDate = month + separator + day;
            break;
    }
}

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        case "DDMMYYYY" :
            fullDate = day + separator + month;
            break;
    }
    if (isYearNeeded == 'Yes') {
        fullDate += separator + year;
    }
    if (month != '' && day != '') {
        document.getElementById("deviceDate").value = fullDate;
    }
}
// end
</script>
</head>
<body onload="populateOptions()">
    <select id="month" name="month" onchange="fireAnswerForCR()">
        <option value=""> Month</option>
    </select>
    <select id="day" name="day" onchange="fireAnswerForCR()">
        <option value=""> Day </option>
    </select>
    <select id="year" name="year" onchange="fireAnswerForCR()">
        <option value=""> Year</option>
    </select>
    <input id="deviceDate" type="hidden"/>
</body>
</html>
```