```html
<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 & Seperator
      let format = "MMDDYYYY";
      let separator = '/';
      let isYearNeeded = "Yes";
      let minYear = 2020;
      let maxYear = 2050;
      // The app calls this to overwrite the current answer with a saved answer.
      function setAnswerForCR(the_answer) {
        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;
        }
        document.getElementById("month").value = month;
        document.getElementById("day").value = day;
        if (isYearNeeded && answer[2]) {
          var year = answer[2];
        }
        document.getElementById("year").value = year;
        setDeviceDate();
      }
```

```javascript
// The app and fireAnswerForCR calls this to get the current answer.
function getAnswerForCR() {
    return document.getElementById("deviceDate").value;
}

// Sends the answer to the app. It should be called anytime the answer changes.
function fireAnswerForCR() {
    setDeviceDate();
    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(){
    //year
    for(var y = minYear; y <= maxYear; y++) {
```

```javascript
        var optn = document.createElement("OPTION");
        optn.text = y;
        optn.value = y;
        document.getElementById('year').options.add(optn);
    }
    //End Year
    //month
    var monthArray = new Array();
    monthArray[0] = "January";
    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 optn = document.createElement("OPTION");
        optn.text = monthArray[m];
        optn.value = addZero((m+1));
        document.getElementById('month').options.add(optn);
    }
    //End Month
    //day
    for(var day = 1; day <= 31;day++) {
        var dayOptn = document.createElement("OPTION");
        dayOptn.text = day;
        dayOptn.value = addZero(day);
        document.getElementById('day').options.add(dayOptn);
    }
    //End day
    if(isYearNeeded == 'No'){
        document.getElementById("year").style.display = "none";
    }
}

function setDeviceDate() {
    document.getElementById('month').classList.remove("error");
    document.getElementById('day').classList.remove("error");
    document.getElementById('year').classList.remove("error");
```

```javascript
            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;
                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()">
    <!-- We call fireAnswerForCR anytime the input changes. -->
    <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>
```