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<html>
<head>
<title>Device Timestamp</title>
<meta name="viewport" content="initial-scale=1.00" />
<style>
  #deviceTimestamp { font-size: 150%; width:100%; box-sizing: border-box;}
  #refreshButton { font-family: Lucida Sans Unicode; padding-left:15px;
    padding-right: 15px; background: white; font-size: 250%; }
  table { width: 100%; }
  td:first-child { white-space: nowrap; }
  td:last-child { width: 1%; white-space: nowrap; }
</style>
<script type="text/javascript">
  /* Set to false if the app user cannot refresh the time answer after it's
    saved. i.e. Editing Session or History answers. */
  var showRefreshTimeButton = true;

  //uncomment the required format
  //let format = "YYYY-MM-DD";
  let format = "YYYY-MM-DD HH:MM:SS";
  //let format = "DD-MM-YYYY";

  function setDeviceTimestamp() {
    var today = new Date();
    var dd = today.getDate();
    var mm = today.getMonth()+1;
    var yyyy = today.getFullYear();
    var fullDate = '';
    switch(format) {
      case "YYYY-MM-DD HH:MM:SS":
        let hourMinFormat = addZero(today.getHours())+": "+
          addZero(today.getMinutes())+": "+addZero(today.getSeconds());
        let fullYearDate = yyyy+'-'+mm+'-'+dd;
        fullDate = fullYearDate+" "+hourMinFormat;
        break;

      case "DD-MM-YYYY" :
        fullDate = dd+"-"+mm+"-"+yyyy;
        break;

      case "YYYY-MM-DD" :
        fullDate = yyyy+'-'+mm+'-'+dd;
        break;

      default :
        fullDate = yyyy+'-'+mm+'-'+dd;
        break;
    }
    document.getElementById("deviceTimestamp").value = fullDate;
  }
}

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/* If i (i.e. hour,minute,second) is single digit then prefix with 0. */
function addZero(i) {
    return i < 10 ? ("0" + i) : i;
}

function getAnswerForCR() {
    return document.getElementById("deviceTimestamp").value;
}

function setAnswerForCR(the_answer) {
    if (the_answer && the_answer.trim() != '') {
        document.getElementById("deviceTimestamp").value = the_answer;
    } else {
        setDeviceTimestamp();
    }
}

function fireAnswerForCR() {
    /* This will set a timestamp if current answer is empty. */
    setAnswerForCR(getAnswerForCR());
    window.location = "codereadr:answerForCR:" + getAnswerForCR();
}

function isAnswerValidForCR() {
    return true;
}

/* showRefreshTimeButton var decides visibility of the refresh button. */
document.addEventListener("DOMContentLoaded", function() {
    var refreshButton = document.getElementById("refreshCell");
    refreshButton.style.display = showRefreshTimeButton ? "table-cell" :
        "none";
});
</script>
</head>
<body onload="fireAnswerForCR()">
    <table><tr>
        <td><input type="text" id="deviceTimestamp" readonly="readonly" /></td>
        <td id="refreshCell"><div id="refreshButton"
            onclick="javascript:setDeviceTimestamp();fireAnswerForCR();">&#x21bb;
        </div></td>
    </tr></table>
</body>
</html>

```