AMPSCRIPT TASKS

TASK 1:

Create a DE with fields customerid, first name, last name, state, country fields.
Add 10 records of dummy data to the above DE.
Create a new email and now display this entire DE in the email as a table with AMPscript.

```
<!DOCTYPE html>

<html>

<head>

    <title>Data Extension Table</title>

</head>

<body>

    <table border="1">

        <thead>

            <tr>

                <th>Customer ID</th>

                <th>First Name</th>

                <th>Last Name</th>

                <th>State</th>

                <th>Country</th>

            </tr>

        </thead>

        <tbody>

            %%[

                SET @rows = LookupRows("mb","default","1")

                SET @rowCount = rowcount(@rows)

                IF @rowCount > 0 THEN

                    FOR @i = 1 to @rowCount DO

                        SET @row = row(@rows,@i)

                        SET @customerid = field(@row,"customerid")

                        SET @firstname = field(@row,"first name")

                        SET @lastname = field(@row,"last name")

                        SET @state = field(@row,"state")

                        SET @country = field(@row,"country")

            ]%%

                <tr>

                    <td>%%=v(@customerid)=%%</td>

                    <td>%%=v(@firstname)=%%</td>
```

```
            <td>%%=v(@lastname)=%%</td>

            <td>%%=v(@state)=%%</td>

            <td>%%=v(@country)=%%</td>

        </tr>

      %%[

          NEXT @i

        ENDIF

      ]%%

    </tbody>

  </table>

</body>

</html>
```

TASK 2:
Add Australia
If US row color should be Blue,
IF India row color should be Orange
If Australia, row color should be Green
Also, the rows should be displayed in the Ascending order of First names

```
<!DOCTYPE html>

<html>

<head>

  <title>Data Extension Table</title>

</head>

<body>

  <table border="1">

    <thead>

      <tr>

        <th>Customer ID</th>

        <th>First Name</th>

        <th>Last Name</th>

        <th>State</th>

        <th>Country</th>

      </tr>

    </thead>

    <tbody>

      %%[

          SET @rows = LookupOrderedRows("mb", 0, "first name asc", "default", "1")
```

```
            SET @rowCount = rowcount(@rows)

        IF @rowCount > 0 THEN

          FOR @i = 1 to @rowCount DO

            SET @row = row(@rows, @i)

            SET @customerid = field(@row, "customerid")

            SET @firstname = field(@row, "first name")

            SET @lastname = field(@row, "last name")

            SET @state = field(@row, "state")

            SET @country = field(@row, "country")


            /* row color */

            SET @rowColor = ""

            IF @country == "Australia" THEN

              SET @rowColor = "background-color: green;"

            ELSEIF @country == "United States" THEN

              SET @rowColor = "background-color: blue;"

            ELSEIF @country == "India" THEN

              SET @rowColor = "background-color: orange;"

            ENDIF


    ]%%

      <tr style="%%=v(@rowColor)=%%">

        <td>%%=v(@customerid)=%%</td>

        <td>%%=v(@firstname)=%%</td>

        <td>%%=v(@lastname)=%%</td>

        <td>%%=v(@state)=%%</td>

        <td>%%=v(@country)=%%</td>

      </tr>

    %%[

          NEXT @i

        ENDIF

    ]%%

    </tbody>

  </table>

</body>

</html>
```

TASK 3:

Add, update time stamp field to this DE and insert 5 records per customer with different update timestamps within the last 5 days. Then display only records that are updated in the last 2 days for the customer you are previewing on.

```html
<!DOCTYPE html>
<html>
<head>
  <title>Data Extension Table</title>
</head>
<body>
  <table border="1">
    <thead>
      <tr>
        <th>Customer ID</th>
        <th>Transaction ID</th>
        <th>First Name</th>
        <th>Last Name</th>
        <th>State</th>
        <th>Country</th>
        <th>Timestamp</th>
      </tr>
    </thead>
    <tbody>
      %%[
        SET @customerid = AttributeValue("customerid")
        SET @rows = LookupOrderedRows("mb2", 0, "timestamp DESC", "customerid", @customerid)
        SET @rowCount = rowcount(@rows)
        IF @rowCount > 0 THEN
          FOR @i = 1 to @rowCount DO
            SET @row = row(@rows,@i)
            SET @customerid = field(@row,"customerid")
            SET @transactionid = field(@row, "transactionid")
            SET @firstname = field(@row,"first name")
            SET @lastname = field(@row,"last name")
            SET @state = field(@row,"state")
            SET @country = field(@row,"country")
            SET @timestamp = field(@row,"timestamp")
            SET @today = Now()
            SET @daysDifference = DateDiff(@timestamp, @today, "D")
```

```
                    IF @daysDifference <= 2 THEN


        ]%%
          <tr>
            <td>%%=v(@customerid)=%%</td>
            <td>%%=v(@transactionid)=%%</td>
            <td>%%=v(@firstname)=%%</td>
            <td>%%=v(@lastname)=%%</td>
            <td>%%=v(@state)=%%</td>
            <td>%%=v(@country)=%%</td>
            <td>%%=v(@timestamp)=%%</td>
          </tr>
        %%[
                    ENDIF
            NEXT @i
        ENDIF
        ]%%
      </tbody>
    </table>
  </body>
</html>
```