```sql
-- All culture codes can be used in FORMAT SQL Function
SELECT 'en-US' AS CultureCode,
       FORMAT(1234567.89, 'N', 'en-US') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'en-US') AS FormattedDate
UNION ALL
SELECT 'en-GB' AS CultureCode,
       FORMAT(1234567.89, 'N', 'en-GB') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'en-GB') AS FormattedDate
UNION ALL
SELECT 'fr-FR' AS CultureCode,
       FORMAT(1234567.89, 'N', 'fr-FR') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'fr-FR') AS FormattedDate
UNION ALL
SELECT 'de-DE' AS CultureCode,
       FORMAT(1234567.89, 'N', 'de-DE') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'de-DE') AS FormattedDate
UNION ALL
SELECT 'es-ES' AS CultureCode,
       FORMAT(1234567.89, 'N', 'es-ES') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'es-ES') AS FormattedDate
UNION ALL
SELECT 'zh-CN' AS CultureCode,
       FORMAT(1234567.89, 'N', 'zh-CN') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'zh-CN') AS FormattedDate
UNION ALL
SELECT 'ja-JP' AS CultureCode,
       FORMAT(1234567.89, 'N', 'ja-JP') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'ja-JP') AS FormattedDate
UNION ALL
SELECT 'ko-KR' AS CultureCode,
       FORMAT(1234567.89, 'N', 'ko-KR') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'ko-KR') AS FormattedDate
UNION ALL
SELECT 'pt-BR' AS CultureCode,
       FORMAT(1234567.89, 'N', 'pt-BR') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'pt-BR') AS FormattedDate
UNION ALL
SELECT 'it-IT' AS CultureCode,
       FORMAT(1234567.89, 'N', 'it-IT') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'it-IT') AS FormattedDate
UNION ALL
SELECT 'nl-NL' AS CultureCode,
       FORMAT(1234567.89, 'N', 'nl-NL') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'nl-NL') AS FormattedDate
UNION ALL
SELECT 'ru-RU' AS CultureCode,
       FORMAT(1234567.89, 'N', 'ru-RU') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'ru-RU') AS FormattedDate
UNION ALL
```

```sql
SELECT 'ar-SA' AS CultureCode,
       FORMAT(1234567.89, 'N', 'ar-SA') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'ar-SA') AS FormattedDate
UNION ALL
SELECT 'el-GR' AS CultureCode,
       FORMAT(1234567.89, 'N', 'el-GR') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'el-GR') AS FormattedDate
UNION ALL
SELECT 'tr-TR' AS CultureCode,
       FORMAT(1234567.89, 'N', 'tr-TR') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'tr-TR') AS FormattedDate
UNION ALL
SELECT 'he-IL' AS CultureCode,
       FORMAT(1234567.89, 'N', 'he-IL') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'he-IL') AS FormattedDate
UNION ALL
SELECT 'hi-IN' AS CultureCode,
       FORMAT(1234567.89, 'N', 'hi-IN') AS FormattedNumber,
       FORMAT(GETDATE(), 'D', 'hi-IN') AS FormattedDate;


-- All Date Format

SELECT
    'D' AS FormatType,
    FORMAT(GETDATE(), 'D') AS FormattedValue,
    'Full date pattern' AS Description
UNION ALL
SELECT
    'd',
    FORMAT(GETDATE(), 'd'),
    'Short date pattern'
UNION ALL
SELECT
    'dd',
    FORMAT(GETDATE(), 'dd'),
    'Day of month with leading zero'
UNION ALL
SELECT
    'ddd',
    FORMAT(GETDATE(), 'ddd'),
    'Abbreviated name of day'
UNION ALL
SELECT
    'dddd',
    FORMAT(GETDATE(), 'dddd'),
    'Full name of day'
UNION ALL
SELECT
```

```
    'M',
    FORMAT(GETDATE(), 'M'),
    'Month without leading zero'
UNION ALL
SELECT
    'MM',
    FORMAT(GETDATE(), 'MM'),
    'Month with leading zero'
UNION ALL
SELECT
    'MMM',
    FORMAT(GETDATE(), 'MMM'),
    'Abbreviated name of month'
UNION ALL
SELECT
    'MMMM',
    FORMAT(GETDATE(), 'MMMM'),
    'Full name of month'
UNION ALL
SELECT
    'yy',
    FORMAT(GETDATE(), 'yy'),
    'Two-digit year'
UNION ALL
SELECT
    'yyyy',
    FORMAT(GETDATE(), 'yyyy'),
    'Four-digit year'
UNION ALL
SELECT
    'hh',
    FORMAT(GETDATE(), 'hh'),
    'Hour in 12-hour clock with leading zero'
UNION ALL
SELECT
    'HH',
    FORMAT(GETDATE(), 'HH'),
    'Hour in 24-hour clock with leading zero'
UNION ALL
SELECT
    'm',
    FORMAT(GETDATE(), 'm'),
    'Minutes without leading zero'
UNION ALL
SELECT
    'mm',
    FORMAT(GETDATE(), 'mm'),
    'Minutes with leading zero'
UNION ALL
```

```sql
SELECT
    's',
    FORMAT(GETDATE(), 's'),
    'Seconds without leading zero'
UNION ALL
SELECT
    'ss',
    FORMAT(GETDATE(), 'ss'),
    'Seconds with leading zero'
UNION ALL
SELECT
    'f',
    FORMAT(GETDATE(), 'f'),
    'Tenths of a second'
UNION ALL
SELECT
    'ff',
    FORMAT(GETDATE(), 'ff'),
    'Hundredths of a second'
UNION ALL
SELECT
    'fff',
    FORMAT(GETDATE(), 'fff'),
    'Milliseconds'
UNION ALL
SELECT
    'T',
    FORMAT(GETDATE(), 'T'),
    'Full AM/PM designator'
UNION ALL
SELECT
    't',
    FORMAT(GETDATE(), 't'),
    'Single character AM/PM designator'
UNION ALL
SELECT
    'tt',
    FORMAT(GETDATE(), 'tt'),
    'Two character AM/PM designator';



-- All possible parts can be used in DATEPART SQL Function
SELECT
    'Year' AS DatePart,
    DATEPART(year, GETDATE()) AS DatePart_Output,
    DATENAME(year, GETDATE()) AS DateName_Output,
    DATETRUNC(year, GETDATE()) AS DateTrunc_Output
UNION ALL
```

```sql
SELECT
    'YY',
    DATEPART(yy, GETDATE()) AS DatePart_Output,
    DATENAME(yy, GETDATE()) AS DateName_Output,
    DATETRUNC(yy, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'YYYY',
    DATEPART(yyyy, GETDATE()) AS DatePart_Output,
    DATENAME(yyyy, GETDATE()) AS DateName_Output,
    DATETRUNC(yyyy, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Quarter',
    DATEPART(quarter, GETDATE()) AS DatePart_Output,
    DATENAME(quarter, GETDATE()) AS DateName_Output,
    DATETRUNC(quarter, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'QQ',
    DATEPART(qq, GETDATE()) AS DatePart_Output,
    DATENAME(qq, GETDATE()) AS DateName_Output,
    DATETRUNC(qq, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Q',
    DATEPART(q, GETDATE()) AS DatePart_Output,
    DATENAME(q, GETDATE()) AS DateName_Output,
    DATETRUNC(q, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Month',
    DATEPART(month, GETDATE()) AS DatePart_Output,
    DATENAME(month, GETDATE()) AS DateName_Output,
    DATETRUNC(month, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'MM',
    DATEPART(mm, GETDATE()) AS DatePart_Output,
    DATENAME(mm, GETDATE()) AS DateName_Output,
    DATETRUNC(mm, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'M',
    DATEPART(m, GETDATE()) AS DatePart_Output,
    DATENAME(m, GETDATE()) AS DateName_Output,
    DATETRUNC(m, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
```

```
    'DayOfYear',
    DATEPART(dayofyear, GETDATE()) AS DatePart_Output,
    DATENAME(dayofyear, GETDATE()) AS DateName_Output,
    DATETRUNC(dayofyear, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'DY',
    DATEPART(dy, GETDATE()) AS DatePart_Output,
    DATENAME(dy, GETDATE()) AS DateName_Output,
    DATETRUNC(dy, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Y',
    DATEPART(y, GETDATE()) AS DatePart_Output,
    DATENAME(y, GETDATE()) AS DateName_Output,
    DATETRUNC(y, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Day',
    DATEPART(day, GETDATE()) AS DatePart_Output,
    DATENAME(day, GETDATE()) AS DateName_Output,
    DATETRUNC(day, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'DD',
    DATEPART(dd, GETDATE()) AS DatePart_Output,
    DATENAME(dd, GETDATE()) AS DateName_Output,
    DATETRUNC(dd, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'D',
    DATEPART(d, GETDATE()) AS DatePart_Output,
    DATENAME(d, GETDATE()) AS DateName_Output,
    DATETRUNC(d, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Week',
    DATEPART(week, GETDATE()) AS DatePart_Output,
    DATENAME(week, GETDATE()) AS DateName_Output,
    DATETRUNC(week, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'WK',
    DATEPART(wk, GETDATE()) AS DatePart_Output,
    DATENAME(wk, GETDATE()) AS DateName_Output,
    DATETRUNC(wk, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'WW',
```

```
    DATEPART(ww, GETDATE()) AS DatePart_Output,
    DATENAME(ww, GETDATE()) AS DateName_Output,
    DATETRUNC(ww, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Weekday',
    DATEPART(weekday, GETDATE()) AS DatePart_Output,
    DATENAME(weekday, GETDATE()) AS DateName_Output,
    NULL AS DateTrunc_Output
UNION ALL
SELECT
    'DW',
    DATEPART(dw, GETDATE()) AS DatePart_Output,
    DATENAME(dw, GETDATE()) AS DateName_Output,
    NULL AS DateTrunc_Output
UNION ALL
SELECT
    'Hour',
    DATEPART(hour, GETDATE()) AS DatePart_Output,
    DATENAME(hour, GETDATE()) AS DateName_Output,
    DATETRUNC(hour, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'HH',
    DATEPART(hh, GETDATE()) AS DatePart_Output,
    DATENAME(hh, GETDATE()) AS DateName_Output,
    DATETRUNC(hh, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Minute',
    DATEPART(minute, GETDATE()) AS DatePart_Output,
    DATENAME(minute, GETDATE()) AS DateName_Output,
    DATETRUNC(minute, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'MI',
    DATEPART(mi, GETDATE()) AS DatePart_Output,
    DATENAME(mi, GETDATE()) AS DateName_Output,
    DATETRUNC(mi, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'N',
    DATEPART(n, GETDATE()) AS DatePart_Output,
    DATENAME(n, GETDATE()) AS DateName_Output,
    DATETRUNC(n, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Second',
    DATEPART(second, GETDATE()) AS DatePart_Output,
```

```
    DATENAME(second, GETDATE()) AS DateName_Output,
    DATETRUNC(second, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'SS',
    DATEPART(ss, GETDATE()) AS DatePart_Output,
    DATENAME(ss, GETDATE()) AS DateName_Output,
    DATETRUNC(ss, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'S',
    DATEPART(s, GETDATE()) AS DatePart_Output,
    DATENAME(s, GETDATE()) AS DateName_Output,
    DATETRUNC(s, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Millisecond',
    DATEPART(millisecond, GETDATE()) AS DatePart_Output,
    DATENAME(millisecond, GETDATE()) AS DateName_Output,
    DATETRUNC(millisecond, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'MS',
    DATEPART(ms, GETDATE()) AS DatePart_Output,
    DATENAME(ms, GETDATE()) AS DateName_Output,
    DATETRUNC(ms, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'Microsecond',
    DATEPART(microsecond, GETDATE()) AS DatePart_Output,
    DATENAME(microsecond, GETDATE()) AS DateName_Output,
    NULL AS DateTrunc_Output
UNION ALL
SELECT
    'MCS',
    DATEPART(mcs, GETDATE()) AS DatePart_Output,
    DATENAME(mcs, GETDATE()) AS DateName_Output,
    NULL AS DateTrunc_Output
UNION ALL
SELECT
    'Nanosecond',
    DATEPART(nanosecond, GETDATE()) AS DatePart_Output,
    DATENAME(nanosecond, GETDATE()) AS DateName_Output,
    NULL AS DateTrunc_Output
UNION ALL
SELECT
    'NS',
    DATEPART(ns, GETDATE()) AS DatePart_Output,
    DATENAME(ns, GETDATE()) AS DateName_Output,
```

```
    NULL AS DateTrunc_Output
UNION ALL
SELECT
    'ISOWeek',
    DATEPART(iso_week, GETDATE()) AS DatePart_Output,
    DATENAME(iso_week, GETDATE()) AS DateName_Output,
    DATETRUNC(iso_week, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'ISOWK',
    DATEPART(isowk, GETDATE()) AS DatePart_Output,
    DATENAME(isowk, GETDATE()) AS DateName_Output,
    DATETRUNC(isowk, GETDATE()) AS DateTrunc_Output
UNION ALL
SELECT
    'ISOWW',
    DATEPART(isoww, GETDATE()) AS DatePart_Output,
    DATENAME(isoww, GETDATE()) AS DateName_Output,
    DATETRUNC(isoww, GETDATE()) AS DateTrunc_Output;

-- All numeric format specifiers can be used in FORMAT SQL Function
SELECT 'N' AS FormatType, FORMAT(1234.56, 'N') AS FormattedValue
UNION ALL
SELECT 'P' AS FormatType, FORMAT(1234.56, 'P') AS FormattedValue
UNION ALL
SELECT 'C' AS FormatType, FORMAT(1234.56, 'C') AS FormattedValue
UNION ALL
SELECT 'E' AS FormatType, FORMAT(1234.56, 'E') AS FormattedValue
UNION ALL
SELECT 'F' AS FormatType, FORMAT(1234.56, 'F') AS FormattedValue
UNION ALL
SELECT 'N0' AS FormatType, FORMAT(1234.56, 'N0') AS FormattedValue
UNION ALL
SELECT 'N1' AS FormatType, FORMAT(1234.56, 'N1') AS FormattedValue
UNION ALL
SELECT 'N2' AS FormatType, FORMAT(1234.56, 'N2') AS FormattedValue
UNION ALL
SELECT 'N_de-DE' AS FormatType, FORMAT(1234.56, 'N', 'de-DE') AS FormattedValue
UNION ALL
SELECT 'N_en-US' AS FormatType, FORMAT(1234.56, 'N', 'en-US') AS FormattedValue;
```