

```
Function validate_iban(myaccount As String) As Boolean
```

```
Dim tempinteger As Long
```

```
Dim tempstr As String
```

```
Dim divstr As String
```

```
Let tempstr = Convert_to_iban_numbers(myaccount)
```

```
Do Until Len(tempstr) <= 5
```

```
    Let divstr = Left(tempstr, 5)
```

```
    If Len(tempstr) > 5 Then
```

```
        Let tempstr = Right(tempstr, Len(tempstr) - 5)
```

```
    End If
```

```
    Let tempinteger = Format(divstr)
```

```
    Let tempstr = Str(tempinteger Mod 97) + tempstr
```

```
Loop
```

```
Let tempinteger = Format(tempstr)
```

```
If (tempinteger Mod 97) = 1 Then
```

```
    Let validate_iban = True
```

```
    Else
```

```
        Let validate_iban = False
```

```
End If
```

```
End Function
```

```
Function Convert_to_iban_numbers(mystring As String) As String
```

```
Dim tempstr As String
```

```
Dim i As Integer
```

```
Dim character As String
```

```
Let tempstr = mystring
```

```
Rem Step 1
```

```
If Len(mystring) > 4 Then
```

```
    Let tempstr = Right(mystring, Len(mystring) - 4) + Left(mystring, 4)
```

```
End If
```

```
Rem step 2
```

```
Let i = 1
```

```
Do Until i > Len(tempstr)
```

```
Let character = Mid(tempstr, i, 1)
```

```
Select Case character
```

```
    Case "A"
```

```
        Let tempstr = Left(tempstr, i - 1) + "10" + Right(tempstr, Len(tempstr) - i)
```

Case "B"

Let tempstr = Left(tempstr, i - 1) + "11" + Right(tempstr, Len(tempstr) - i)

Case "C"

Let tempstr = Left(tempstr, i - 1) + "12" + Right(tempstr, Len(tempstr) - i)

Case "D"

Let tempstr = Left(tempstr, i - 1) + "13" + Right(tempstr, Len(tempstr) - i)

Case "E"

Let tempstr = Left(tempstr, i - 1) + "14" + Right(tempstr, Len(tempstr) - i)

Case "F"

Let tempstr = Left(tempstr, i - 1) + "15" + Right(tempstr, Len(tempstr) - i)

Case "G"

Let tempstr = Left(tempstr, i - 1) + "16" + Right(tempstr, Len(tempstr) - i)

Case "H"

Let tempstr = Left(tempstr, i - 1) + "17" + Right(tempstr, Len(tempstr) - i)

Case "I"

Let tempstr = Left(tempstr, i - 1) + "18" + Right(tempstr, Len(tempstr) - i)

Case "J"

Let tempstr = Left(tempstr, i - 1) + "19" + Right(tempstr, Len(tempstr) - i)

Case "K"

Let tempstr = Left(tempstr, i - 1) + "20" + Right(tempstr, Len(tempstr) - i)

Case "L"

Let tempstr = Left(tempstr, i - 1) + "21" + Right(tempstr, Len(tempstr) - i)

Case "M"

Let tempstr = Left(tempstr, i - 1) + "22" + Right(tempstr, Len(tempstr) - i)

Case "N"

Let tempstr = Left(tempstr, i - 1) + "23" + Right(tempstr, Len(tempstr) - i)

Case "O"

Let tempstr = Left(tempstr, i - 1) + "24" + Right(tempstr, Len(tempstr) - i)

Case "P"

Let tempstr = Left(tempstr, i - 1) + "25" + Right(tempstr, Len(tempstr) - i)

Case "Q"

```
    Let tempstr = Left(tempstr, i - 1) + "26" + Right(tempstr, Len(tempstr) - i)

Case "R"
    Let tempstr = Left(tempstr, i - 1) + "27" + Right(tempstr, Len(tempstr) - i)

Case "S"
    Let tempstr = Left(tempstr, i - 1) + "28" + Right(tempstr, Len(tempstr) - i)

Case "T"
    Let tempstr = Left(tempstr, i - 1) + "29" + Right(tempstr, Len(tempstr) - i)

Case "U"
    Let tempstr = Left(tempstr, i - 1) + "30" + Right(tempstr, Len(tempstr) - i)

Case "V"
    Let tempstr = Left(tempstr, i - 1) + "31" + Right(tempstr, Len(tempstr) - i)

Case "W"
    Let tempstr = Left(tempstr, i - 1) + "32" + Right(tempstr, Len(tempstr) - i)

Case "X"
    Let tempstr = Left(tempstr, i - 1) + "33" + Right(tempstr, Len(tempstr) - i)

Case "Y"
    Let tempstr = Left(tempstr, i - 1) + "34" + Right(tempstr, Len(tempstr) - i)

Case "Z"
    Let tempstr = Left(tempstr, i - 1) + "35" + Right(tempstr, Len(tempstr) - i)

End Select
    Let i = i + 1
Loop
Let Convert_to_iban_numbers = tempstr

End Function
```