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Sub syllogium()
  Sheets("Knowledge").Select
  Cells(3, 1) = "「じゃあまた」で終了します。"
  If Not Cells(1, 5) = "****" Then
    Call Initialize
  End If
  Ans = AskYorN("さっきのつづきだよね")
  If Ans = 0 Then
    Call Initialize
  End If
  Danwa = InputBoxSay(
  "こんにちは、何かお話してください。")
  ,
  Call DanwaShori(Danwa)
  ,
  Danwa = MsgBoxSay(
  "いやあ、お話できて楽しいときを過ごせました。")
End Sub

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Sub Initialize()
  Sheets("Knowledge").Select
  Cells(1, 5) = "****"
  Cells(1, 1) = "Dialogline": Cells(1, 2) = 1
  Cells(2, 1) = "NewKnowledge": Cells(2, 2) = 6
  Cells(5, 1) = "主語": Cells(5, 2) = "述語"
  Rows("6:34").Clear
End Sub

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Sub DanwaShori(Danwa)
  If Not Danwa = "じゃあまた" Then
    If Right(Danwa, 1) = "?" Then
      Henji = chousa(Danwa)
      Mojiretu = InputBoxSay(Henji & ". それで?")
    Else
      Henji = PutData(Danwa)
      Mojiretu = InputBoxSay(Henji & ". それで?")
    End If
    Call DanwaShori(Mojiretu)
  End If
End Sub

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Function chousa(D)
  chousa = "私の文法ではないようです"
  L = Len(D) - 1
  For i = 1 To L - 2
    C = Mid(D, i, 3)
    If C = " は " Then
      subj = Left(D, i - 1)
      pred = Mid(D, i + 3)
      pred = Left(pred, Len(pred) - 1)
      chousa = IstherePair(subj, pred)
      Exit For
    End If
  Next i
End Function

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Function IstherePair(s, o)
  N = Cells(2, 2)
  s = RTrim(s)
  o = RTrim(o)
  IstherePair = "いいえ"
  For i = 6 To N - 1
    If s = RTrim(Cells(i, 1)) Then
      If o = RTrim(Cells(i, 2)) Then
        Dummy = MsgBoxSay(
        s & "は、" & o & "なので。")
        IstherePair = "はい"
        Exit For
      Else
        m = Cells(i, 2)
        Dummy = MsgBoxSay(
        s & "は、" & m & "ですが。")
        IstherePair = _
        IstherePair(m, o)
        If IstherePair = "はい" Then
          Exit For
        End If
      End If
    End If
  Next i
End Function

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```
Function PutData(D)
PutData = "私の文法ではないようです"
L = Len(D)
For i = 1 To L - 2
    C = Mid(D, i, 3)
    If C = " は " Then
        subj = Left(D, i - 1)
        pred = Mid(D, i + 3)
        PutData = "はあそうですか ."
        N = Cells(2, 2)
        Cells(N, 1) = subj
        Cells(N, 2) = pred
        Cells(2, 2) = N + 1
        Exit For
    End If
Next i
End Function
'以下は前項の流用 .

Function AskYorN(Prompt)
DialogLine = Cells(1, 2)
Ans = MsgBox(Prompt & "?", vbYesNo)
If Ans = 6 Then ' it means "Yes"
    AskYorN = 1
Else ' it means "No"
    AskYorN = 0
End If
Call Say(DialogLine, 1, Prompt)
Call Say(DialogLine, 2, AskYorN)
Cells(1, 2) = Cells(1, 2) + 1
End Function

Function InputBoxSay(Prompt)
DialogLine = Cells(1, 2)
Ans = InputBox(Prompt)
Call Say(DialogLine, 1, Prompt)
Call Say(DialogLine, 2, Ans)
Cells(1, 2) = Cells(1, 2) + 1
InputBoxSay = Ans
End Function

Function MsgBoxSay(Prompt)
Dummy = MsgBox(Prompt, vbOKOnly)
DialogLine = Cells(1, 2)
Call Say(DialogLine, 1, Prompt)
Cells(1, 2) = Cells(1, 2) + 1
End Function

Sub Say(Row, Col, Thing)
Sheets("Dialog").Range("A1").Cells(Row, Col).Value = Thing
End Sub
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