MiddayTemp(30) ← 0

MidnightTemp(30) ← 0

AvrgDay ← 0

AvrgNight ← 0

HighDay ← -100000

LowNight ← 1000000

count ← 0

MiddayTotal ← 0

MidnightTotal ← 0

pass ← 0

For count ← 1 to 30

Print → "Day" & count

Do Until pass ← 1

Input MiddayTemp(30)

If MiddayTemp(30) > 65 Or MiddayTemp(count) < -50

Print → "Invalid Data"

Else

pass ← 1

End If

Loop

pass ← 0

Do Until pass ← 1

Input MidnightTemp(30)

If MidnightTemp(30) > 65 Or MidnightTemp(count) < -50

Print → "Invalid Data"

Else

pass ← 1

End If

Loop

MiddayTotal ← MiddayTotal + MiddayTemp(count)

MidnightTotal ← MidnightTotal + MidnightTemp(count)

If HighDay < MiddayTemp(count) Then

HighDay ← MiddayTemp(count)

End If

If LowNight > MidnightTemp(count) Then

LowNight ← MidnightTemp(count)

End If

Next

AvrgDay ← MiddayTotal / 30

Print → "Average Midday Temperature:" & AvrgDay

AvrgNight ← MidnightTotal / 30

Print → "Average Midnight Temperature:" & AvrgNight

Print → "Highest Midday Temperature:" & HighDay

Print → "Lowest Midnight Temperature:" & LowNight