//DistanceTraveledPJG

Module main()

Declare Double travelSpeed, travelTime

Call showDetails()

Set travelSpeed = getSpeed()

Set travelTime = getTime()

Call showDistance(travelSpeed, travelTime)

End Module

Module showDetails()

Display “User will input the speed in MPH and the”

Display “time that a vehicle has traveled.”

Display “The program will then display a chart of how”

Display “much distance the vehicle has covered.”

Display “”

End Module

Function Double getSpeed()

Declare Double speed = 0

Declare Boolean dblnput = false

While NOT dblInput

Display “What is the speed of the vehicle in MPH?”

Try

Input speed

Set dblInput = true

Catch

Set dblInput = false

Input is cleared

End While

Return speed

End Function

Function Double getTime()

Declare Double time = 0

Declare Boolean dblnput = false

While NOT dblInput

Display “How many hours has it traveled?”

Try

Input time

Set dblInput = true

Catch

Set dblInput = false

Input is cleared

End While

Return time

End Function

Module showDistance(Double mph, double hours)

Display “”

Display ”Hours Distance Traveled”

Display “---------------------------------------------------“

For Integer x = 1 to hours

Display x, “ “, x \* mph

End For

End Module