

ch 10

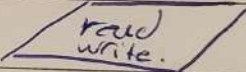
~~initialize~~ How to initialize an excel variable array ?

1. ~~in~~ open an excel file
2. Place your data in an excel column ~~set~~ in a sequential form.
3. Select the cells ~~of~~ of the array, then right click, choose
4. "define Name". Name the selected Range then ok.
5. Save your excel file
6. open arena model & from input-output, define file.
 1. file Name: file 1
 2. access type: excel file .xlsx
 3. locate the operating file name from your pc files.
 4. click on Recordsets choose the Named Range that you defined in excel then ok.

for sequential file no need for Recordset ~~no~~ ID

Explain with a model how to read from sequential File?

1. an already defined sequential file like notepad files will be used
2. open arena. from output - input define file give it a name.
the access type (sequential file). Load the file from your pc.
End of File Action (Dispose).

~~file~~ from input and output ~~define~~ add 

choose the file name, the type read from file.
add assignments, attribute, (arrival time) then ok.

arena object:

1. ~~standard~~ View

2. ~~simulation~~ model

2. application

* Explain with a model how to read from a sequential file

- 1) open file
- 2) read data
- 3) process data
- 4) close file

1. an already defined sequential file like notepad file will be used
2. open arena, from output-input define file give it a name
3. the access type (sequential file). locate the file from your PC
4. End of file Action (Dispose)
5. from input and output add read/write
6. choose the filename, the type read from file.
7. add assignments, attribute, (arrival time) then ok.

3. of Arena objects

1. View
2. model
3. application

name 3 of Arena properties

- 1) Visible
- 2) name, state
- 3) background color

name 3 of Arena methods

1. Show
2. Close, Go
3. Zoom In

name 3 events of VBA

1. Run Begin
2. Run Begin Simulation
3. Run End

Model - window objects

1. Modules
2. Connections
3. Lines

~~Max to 11~~

SIMAN objects

1. Variable values
2. Queue lengths
3. Simulation time

Structural objects

1. Application
2. Panels

VBA User form controls

1. Labels
2. Option buttons
3. Command button

User View

1. Module handle
2. Entry, exit points
3. Animation
4. Operand values

*How to initialize an excel variable array?

1. open an excel file
2. place your data in an excel
3. select the cells of the array, then right click, choose
4. "define name" name it then ok
5. save your excel file

6. open arena model from input-output, define file

- | | |
|---------------------------------|---|
| 1. file name: file1 | 2. locate the operating file |
| 2. access type, excel file.xlsx | 4. click on records, choose the named range that you defined in excel then ok |