

Welcome to RPA Cluster 1 - Session 3

Creating Workflows

- **Go to Workflows**
- **Click on New Workflow, new window will be opened**
- **Choose Start symbol then Run Task symbol (You have to upload specific bot file from My Tasks directory from your computer)**
- **then successful / unsuccessful will be leading to end symbol**
- **Save the workflow & run it.**

Variables

It is a temporary place in the memory of a computer that allows you to store & retrieve information while your program is running (in our case, the program is bot)

The command variable operation provides the ability to store the information into variables

System variable (pre defined or in built)

- Provided automatically by AA
- Some variables are always available throughout your bot
- Others are only available in certain situations

User defined variable

- Variables that will be created by users
- Unique to your bot
- You have to follow some rules while creating variables

Underscore

variables can't be started with numbers

Variable types

- 1) Value
- 2) Random
- 3) List
- 4) Array
- 5) Dictionary

Value - It contains a single value. The value can be anything (Numbers, Letters, Special characters)

Example: bot, 4654, surya123, #\$\$@

Random - contains a string of random number of characters (By providing string length) or you can generate random number by providing lower bound & upper bound (bound is limit) lower bound is 5 & upper bound is 1000

List - contains multiple values stored in a linear fashion

Example:

india, vja, hyd

4654, 4414, 10

Each item represents one value variable.

Array - contains multiple values in a table format .Each value is referenceable by its row and column

No of elements in Array = No of rows * No of columns

Note : List, Array & Dictionary will be discussed in Loops Concept.

Variable operation command

Instead of assigning initial value while creating a variable, you can assign or reinitialize values of variables using variable operation command.

1. I can set the initial value while creating a variable
2. I can assign or reinitialize value using Variable operation command

Prompt Command

It will ask for input from the user during run time

4 types

- Prompt for value
- Prompt for Yes/No
- Prompt for File
- Prompt for Folder

Variable manager

- create a new variable
- edit an existing variable
- delete an existing variable
- copy a variable between task files

Note: While creating user defined variables, start the name with V

Value Variable type

- you can assign value directly or you can assign value from text file

I created new variable (VName)

I have assigned a value "KLU" to VName by using variable operation command

In order to insert a variable, we need to press F2

2) Create a task bot that will compute addition of two numbers.

Step 1 : create 3 variables (Va, Vb, Vc)

Step 2 : Using Prompt command read values for Va & Vb

Step 3 : Using Variable operation command, compute Vc

Step 4 : Using Message box command, Print Vc