Lectures of the Course

http://venus.eas.asu.edu/WSRepository/ASU-VPL/

- ASU-VPL can be used in an engineering's freshman class.
 - L01 About the Course and Syllabus
 - L02 CS Related Disciplines
 - L03 VPL Visual Programming Language
 - L04 ALU Simulation in VPL
 - L05 Number systems
 - L06 Finite State Machine and Programmig
 - L07 Algorithms
 - L08 Event Driven Programming
 - L09 Programming Langauges
 - L10 Operating System
 - L11 Unix and Edison
 - L12 IoT and RaaS
 - L13 IoT and Augmented Reality
 - L14 from OOC to SOC
 - L15 SOC and Web Software
 - L16 Presentation Techniques
 - o L17 Big Data
 - L18 Cloud Computing
 - o L19 Amdahls Law
 - L20 Ethics Theories

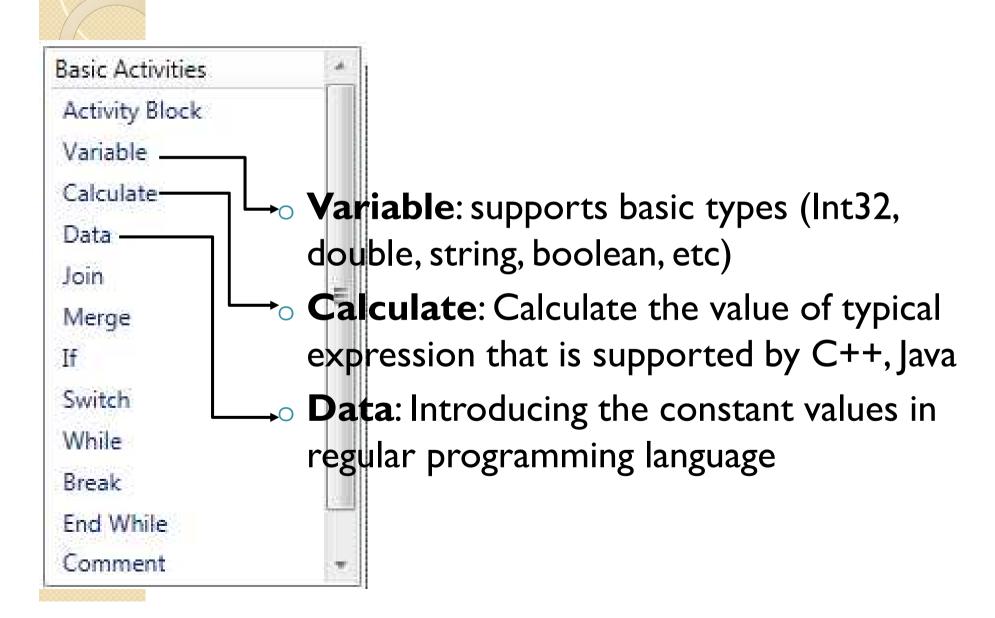
Introduction to Computer Science Using Robotics Experiments

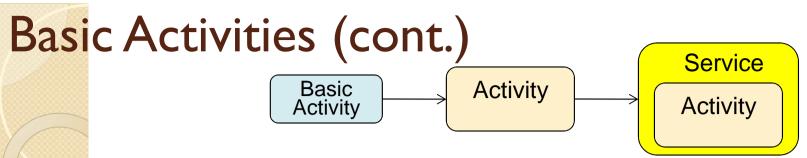
ASU Visual Program Language ASU-VPL

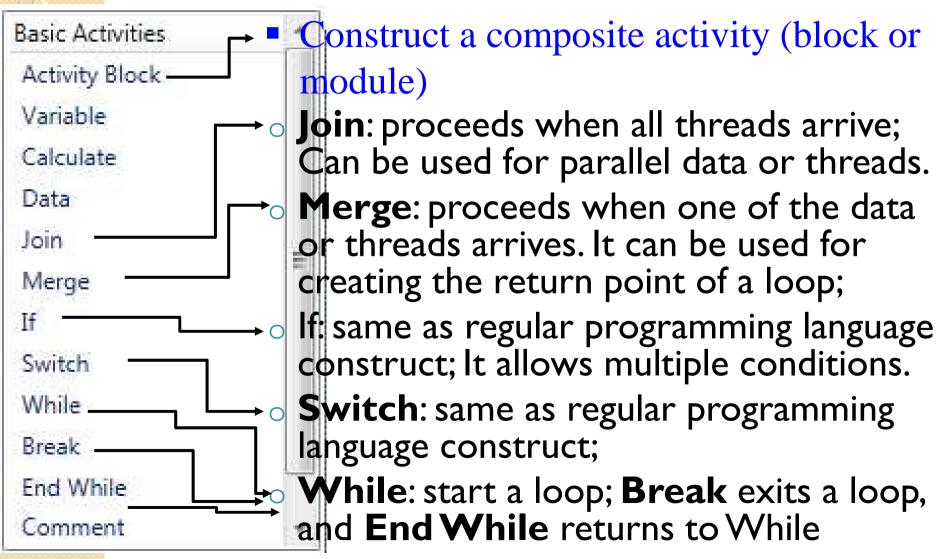
Yinong Chen

Basic Activities of VPL

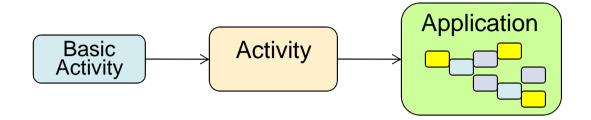
There are 10 basic activities, and many composite services in VPL Repository







Activity a as Building Block



- Basic Activity and Activity are building blacks of diagrams or flowchart.
- Data transfer between the activities are through
- Global variables and parameter passing

Example of Activity and Parameter Passing

