

IT3213 Human Computer Interaction

Day 02 (2025-03-18)

2020ICT47

1. Create the Main Container

- Add a rectangle widget (calculator body) - Set dimensions to approximately 389px width × 537px height
- Apply a light gray border (1px)

2. Add the Display Area

- Create a rectangle at the top (display screen)
- Set right-aligned text formatting Default display value: "0"
- Use a larger font size (18-20px)

3. Create the Button Grid

- Set up a 5×4 table structure
- Row 1: AC, +/-, %, ÷
- Row 2: 7, 8, 9, ×
- Row 3: 4, 5, 6, -
- Row 4: 1, 2, 3, +
- Row 5: 0 (spans 2 cells), ., =

4. Style the Buttons

- Set all cells to equal width/height (approx. 70px)
- Apply centered text alignment to all buttons

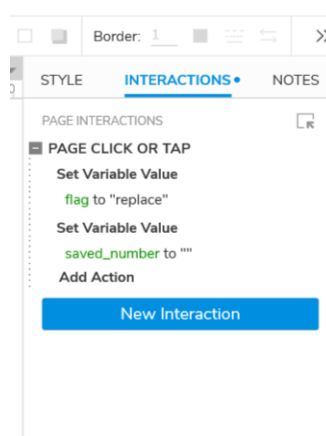
5. Set Interaction to Page

- Click the “New Interaction” and choose “Page Click or Tap”.
- Add Action ,Select “Set Variable value”
 - Add Variable

Variable name	Default Value
flag	replace
saved number	

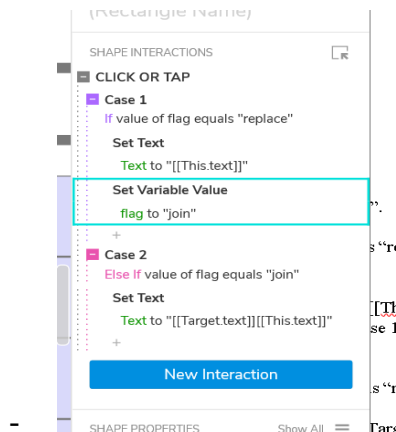
- Choose variable select “flag” and Value “replace”
- Again Add Action ,Select “Set Variable value”.

- Choose variable select “saved number” and Value “”.



6. Set Interaction to 1 – 9 button.

- Click Button of number e.g.- select number 1
- Click the “New Interaction” and choose “Click or Tap”.
- Add Case 1 ,Click “Add Case” ,After “Add Logic”(if)
 - Select drop down in “Value of Variable” value is “replace”.
 - Rename your Output Box to “Text/Input”.
 - Add Action and select “set text”
 - Select your Text box as “Text” Add Value “[This.text]” and Click ok.
- Again Add Action ,Select “Set Variable value” in Case 1.
 - Choose variable select “flag” and Value “join”
- Add another case it’s Name as Case 2.(else if).
 - Select drop down in “Value of Variable” value is “join”.
 - Add Action and select “set text”
 - Select your Text box as “Text” Add Value “[Target.text]”[This.text]” and Click ok.



7. Set Interaction to 1 – 9 button.

- Click Button of number e.g.- select number 1
- Click the “New Interaction” and choose “Click or Tap”.
- Add Case 1 ,Click “Add Case” ,After “Add Logic”(if)
 - Select drop down in “Value of Variable” and value is “join”.
 - Add Action and select “set text”
 - Select your “Text” Add Value “[Target.text]][This.text]” and Click ok.
- Add another case it’s Name as Case 2.(else if).
 - Select drop down in “Value of Variable” and value is “replace”.
 - Add Action and select “set text”
 - Select your Text box as “Text” Add Value “0” and Click ok.

