

No:

- Midterms
- Final

Announcement

- Yes:
- Labs
- Quizzes
- Projects
- Quick Writes



Project 2B

- Project 2B and its "quiz" are linked on our online calendar
 - * "Quiz" is
 - Open book
 - Save and resume
 - Retake as often as you want to improve your score
 - Be sure to submit it before the quiz closes!







Fitting it together...

- An algorithm is....
 - * Write one sentence on a strip of paper



Fitting it together...

1.

2.

3.

4.

5.

- An algorithm is....
 - * A set of directions
 - * Listed sequentially
 - Start at beginning
 - Continue
 - Until you reach the end
- Walk to end of aisle Walk down steps until you 6. reach bottom of steps 7.

Leaving Lecture algorithm

Start in your seat at Mary Gates Hall 389

Pack up your stuff

Turn left

Pick it up

Stand up

8. Walk through doors

FIT100

Control Flow

- Control flow is the sequence through the code
- What we just looked at was sequential flow
 - * Start at step 1 continue through step 8
- Now we'll look at others....



- * Conditionals, or tests, change the
 - control flow

Fitting it together...

Leaving Lecture algorithm

- Start in your seat at Mary

- Walk to end of aisle
- Walk down steps until you 6. reach bottom of steps
 - Turn left

7.

8. Walk through doors



FIT100

- An algorithm is....
 - * A set of directions
 - Listed sequentially
 - Start at beginning
 - Continue
 - Until you reach the end
 - * Change the
 - control flow with
 - · Conditionals, or tests
 - Iteration, or loops

- Leaving Lecture algorithm
- Start in your seat at Mary 1.

Fitting it together...

- Gates Hall 389
- 2. Test: Any stuff out? True: Pack up your stuff
- 3. Pick it up
- 4. Stand up
- Walk to end of aisle 5.
- 6. Loop:
- Walk down 1 step at a time until you reach the bottom
- 7. Turn left
- Test: Is door open? 8.
- True: Walk through doors
 False: Open door, then walk through



Moving the data on the form.

MORE FORMS

FIT100

Events Cause Processing

After drawing a page, browsers sit idle waiting for something to happen ... when we give input, it cause events

- Processing the input is the task of an event handler
 - * Event types onClick
- In the <input ...> tag, an processing needed for
- onMouseOver

• onChange

event handler gives the the task using JavaScript



FIT100	ŀ	Asian Ei	moticons
(^_^)	Laughing	(???)/	Joyful
(>_<)>	Troubled	(???;)	Surprised
(^_^;)	Troubled	(#^.^#)	Shy
(ToT)	Crying	(*´?`*)	Infatuation
m()m	Apologising	(??;)	Worried
(^ ^;)	Shy	(* ^?^ *)	Joyful
(???)	Grinning	(^?^)	Laughing
			Rightside up







FIT100	'onClick' for Buttons			
<h1>Emoticons </h1> <input ,"="" onclick="x.value=" smiley"="" type="button" value=":"/> <input onclick="x.value=" type="button" value=":(" winkv""=""/> <input onclick="x.value=" type="button" value=":(" winkv"=""/>				
the task	Emoticons Exc' event does c: places 'Smiley' Adding a mile to Adding a wink to			



