

1. Capture

What are the inputs? What are the different kinds of data?	dropdowns ^{containers} string data types Flavour, Toppings, or Flavour, container, topping?
What do you need to capture?	
What validation do you need?	None, since data is controlled.

2. Process:

What data gets sent back to the server?	Price user customer page
What happens to it to create the Output? What are the verbs?	Price is calculated based on flavour, container and toppings
What limits do you need to take into consideration?	If he knows limit available,
What else might be tricky?	If user changes selection, it can be deleted and immediately updated to show user updated price

4. How to make it work?

What technical components do you need?	3 dropdowns + button Selection boxes & button
Which technical elements do you know already?	Functions to add values + set.
What technical elements do you not know yet?	None that I do not need for this activity.

3. Display:

What data gets re Turned? How many kinds of data?	Price, one, string, number
Does anything else happen?	The data gets sent to the

slide
6093
server,
slido.com

Problem Solving Template: Unpacking a Challenge

1. Restate: What am I being asked to do?

Create a widget that is able to calculate the price of ice cream, based on selecting flavour, type of container and toppings (topping).

Calculate. Get price. Display

2. Visualize

Workflow: Inputs - Process - Outputs

Inputs

Process

Outputs

Flavour
cont Type
Topping)

Calculation

price

Prototypes (only as many screens as you need)

~~Name~~

~~Surname~~

~~Flavour~~

~~Container size~~

~~Toppings (if any)~~

~~Name~~

~~Surname~~

Flavour

Container size

Toppings (if any)

R12.75

What happens in each part of the screen?

Select flavour.
select container
size.
select toppings

Print price.

Print Price