

**TINYURL.COM/
SWIFTUIBOOTCAMP**

COMPOSITIONAL LAYOUT

WHAT IS COMPOSITIONAL LAYOUT?

IOS13

DISCOVER NEW PLACES



American Steakhouse

99 American Dr
★ 4.8 (233 ratings)



American Steakhouse

99 American Dr
★ 4.8 (233 ratings)

TOP CATEGORIES

SHOW ALL ▶



Burgers

1126 places



American

142 places



Pizza

365 places



Sushi

523 places

POPULAR THIS WEEK

SHOW ALL ▶



Kellys Cafe and Espresso

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★ 4.8 (233 ratings)

FREE DELIVERY



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POPULAR THIS WEEK

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TOP MEALS

SHOW ALL ▶



QUICK LINKS

Your Preferences

Activity

Reservations

Check-ins

Redeem

Invite a Friend

Order History

3 MAIN COMPONENTS

- `NSCollectionLayoutItem`
- `NSCollectionLayoutGroup`
- `NSCollectionLayoutSection`

NSCOLLECTIONLAYOUTITEM

A SINGLE ELEMENT INSIDE OF A GROUP

NSCOLLECTIONLAYOUTGROUP

A SINGLE GROUP WITHIN A SECTION.

NSCOLLECTIONLAYOUTSECTION

ALL THE ELEMENTS COMBINED MAKE UP THE
SECTION

MUST HAVE ALL 3

STEPS

WE FIRST CREATE AN ITEM

PASS THE ITEM TO A
GROUP

**PASS OUR GROUP TO A
SECTION**

VISUALLY

STEP 1



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STEP 2



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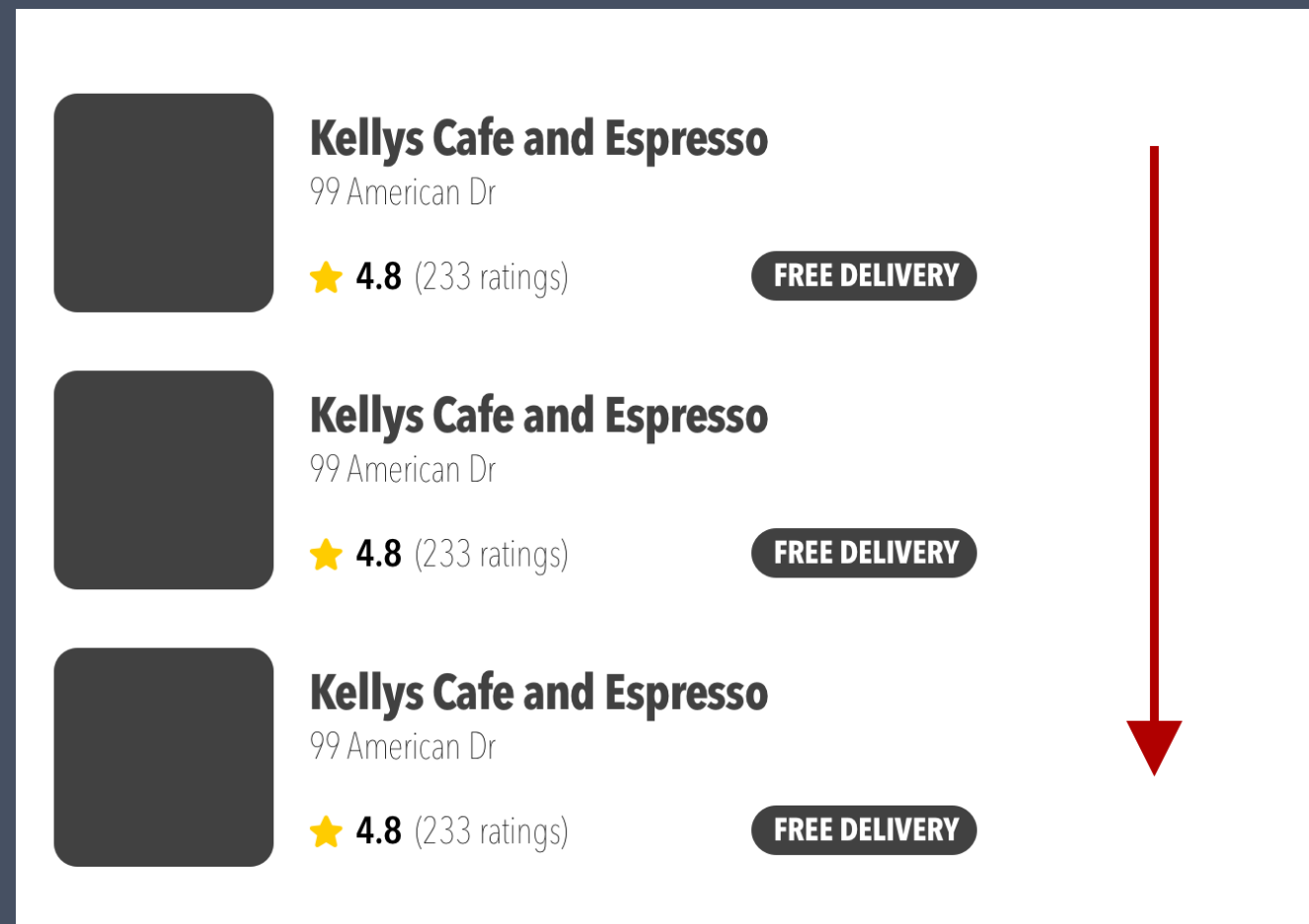
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DIRECTION

(HORIZONTAL, VERTICAL, AND CUSTOM)



STEP 3

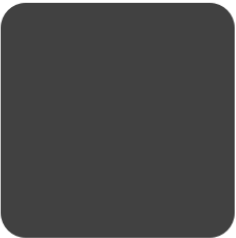


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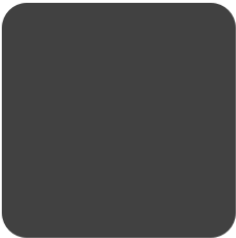


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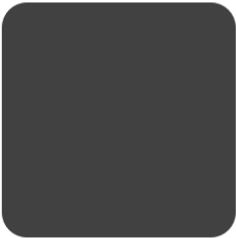


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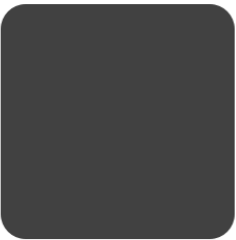


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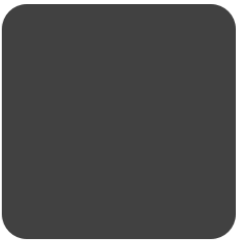


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NSCOLLECTIONLAYOUTSIZE

USED TO DETERMINE THE SIZE OF AN
Item OR A Group SECTION

4 WAYS YOU CAN DEFINE A SIZE

4 WAYS TO DEFINE A SIZE

- › fractional width
- › fractional height
 - › absolute
 - › estimate

LET'S ACTUALLY BUILD SOMETHING