



**VS**

```

@for (snack of snacks(); track snack;) {
  <div class="cell">
    {{ snack.name }}
    {{ snack.price | number : '1.2-2' }}
  </div>
}

<div *ngFor= 'let snack of snacks()'>
  <div class="cell">
    {{ snack.name }}
    {{ snack.price | number : '1.2-2' }}
  </div>
</div>

```

**#1 @empty**  
**#2 \$index**  
**#3 \$first, \$last, \$even, \$odd**  
**#4 \$count**  
**#5 track**

There are 5 useful things we can use the for block for as listed above

**@for**  
 @empty block  
 odd and even row indication  
 easier change tracking

Five Fun Features of the @for block

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]='listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    }
14  </div>
15 </div>
```

### Snacks

Filter by:

| Name       | Price |
|------------|-------|
| popcorn    | 2.00  |
| peanuts    | 3.00  |
| mixed nuts | 5.00  |
| crackers   | 2.50  |
| ice cream  | 3.95  |
| corn nuts  | 2.29  |

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]='listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    }
14  </div>
15 </div>
```

### Snacks

Filter by:

| Name       | Price |
|------------|-------|
| popcorn    | 2.00  |
| peanuts    | 3.00  |
| mixed nuts | 5.00  |
| crackers   | 2.50  |
| ice cream  | 3.95  |
| corn nuts  | 2.29  |

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]='listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    }
14  </div>
15 </div>
```

### Snacks

Filter by:

| Name       | Price |
|------------|-------|
| peanuts    | 3.00  |
| mixed nuts | 5.00  |
| corn nuts  | 2.29  |

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]='listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    }
14  </div>
15 </div>
```

### Snacks

Filter by:

| Name | Price |
|------|-------|
|------|-------|

# #1 @empty

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    }
14  </div>
15 </div>
```

Snacks

Filter by:

| Name | Price |
|------|-------|
|------|-------|

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    } @empty {
14      <div>No snacks available that match the filter</div>
15    }
16  </div>
17 </div>
```

Snacks

Filter by:

| Name       | Price |
|------------|-------|
| popcorn    | 2.00  |
| peanuts    | 3.00  |
| mixed nuts | 5.00  |
| crackers   | 2.50  |
| ice cream  | 3.95  |
| corn nuts  | 2.29  |

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    } @empty {
14      <div>No snacks available that match the filter</div>
15    }
16  </div>
17 </div>
```

Snacks

Filter by:

| Name | Price |
|------|-------|
|------|-------|

No snacks available that match the filter

# #2 \$index

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id) {
9       <div class="row">
10        <div>{{ snackItem.name }}</div>
11        <div>{{ snackItem.price | number : '1.2-2' }}</div>
12      </div>
13    } @empty {
14      <div>No snacks available that match the filter</div>
15    }
16  </div>
17 </div>
```

Snacks

Filter by:

| Name       | Price |
|------------|-------|
| peanuts    | 3.00  |
| mixed nuts | 5.00  |
| corn nuts  | 2.29  |



stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x7file=src/snacks/snack.component.html

Fun @for blocks (WIP)

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index) {
10       <div class="row">
11         <div>{{idx}}. {{ snackItem.name }}</div>
12         <div>{{ snackItem.price | number : '1.2-2' }}</div>
13       </div>
14     } @empty {
15       <div>No snacks available that match the filter</div>
16     }
17   </div>
18 </div>
```

**snacks**

Filter by:

| Name          | Price |
|---------------|-------|
| 0. popcorn    | 2.00  |
| 1. peanuts    | 3.00  |
| 2. mixed nuts | 5.00  |
| 3. crackers   | 2.50  |
| 4. ice cream  | 3.95  |
| 5. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x7file=src/snacks/snack.component.html

Fun @for blocks (WIP)

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index) {
10       <div class="row">
11         <div>{{idx+1}}. {{ snackItem.name }}</div>
12         <div>{{ snackItem.price | number : '1.2-2' }}</div>
13       </div>
14     } @empty {
15       <div>No snacks available that match the filter</div>
16     }
17   </div>
18 </div>
```

**Snacks**

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x7file=src/snacks/snack.component.html

**#3 \$first, \$last**

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index) {
10       <div class="row">
11         <div>{{idx+1}}. {{ snackItem.name }}</div>
12         <div>{{ snackItem.price | number : '1.2-2' }}</div>
13       </div>
14     } @empty {
15       <div>No snacks available that match the filter</div>
16     }
17   </div>
18 </div>
```

**Snacks**

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x7file=src/snacks/snack.component.html

Fun @for blocks (WIP)

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class="grid">
6     <div class="cellHeader">Name</div>
7     <div class="cellHeader">Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index, first = $first, last = $last) {
10       <div class="row">
11         <div>{{idx+1}}. {{ snackItem.name }}</div>
12         <div>{{ snackItem.price | number : '1.2-2' }}</div>
13       </div>
14     } @empty {
15       <div>No snacks available that match the filter</div>
16     }
17   </div>
18 </div>
```

**Snacks**

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x?file=src/snacks/snack.component.html

Fun @for blocks (WIP)

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index, first = $first, last = $last) {
10      <div class="row" [ngClass]="{bold: first || last}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

## Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x?file=src/snacks/snack.component.html

Fun @for blocks (WIP)

```
1 <div class="cont"
2   <h1>{{pageTitl
3   <app-filter [(
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index, first = $first, last = $last) {
10      <div class="row" [ngClass]="{bold: first || last}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

## Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x?file=src/snacks/snack.component.html

Fun @for blocks (WIP)

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index, first = $first, last = $last, odd = $odd, even = $even) {
10      <div class="row" [ngClass]="{bold: first || last, stripe: even}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

## Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

## #4 \$count

```
1 <div class="cont
2 <h1>{{pageTitle
3 <app-filter [(filterCriteria)]='listFilter' />
4
5
6 <div class='grid'>
7   <div class='cellHeader'>Name</div>
8   <div class='cellHeader'>Price</div>
9   @for (snackItem of filteredSnacks(); track snackItem.id;
10     let idx = $index, first = $first, last = $last, even = $even) {
11     <div class="row" [ngClass]="{bold: first || last, stripe: even}">
12       <div>{{idx+1}}. {{ snackItem.name }}</div>
13       <div>{{ snackItem.price | number : '1.2-2' }}</div>
14     </div>
15   } @empty {
16     <div>No snacks available that match the filter</div>
17   }
18 </div>
```

### Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

```
1 <div class="container">
2 <h1>{{pageTitle}}</h1>
3 <app-filter [(filterCriteria)]='listFilter' />
4
5
6 <div class='grid'>
7   <div class='cellHeader'>Name</div>
8   <div class='cellHeader'>Price</div>
9   @for (snackItem of filteredSnacks(); track snackItem.id;
10     let idx = $index, first = $first, last = $last, even = $even, count = $count) {
11     <div class="row" [ngClass]="{bold: first || last, stripe: even}">
12       <div>{{idx+1}}. {{ snackItem.name }}</div>
13       <div>{{ snackItem.price | number : '1.2-2' }}</div>
14     </div>
15   } @empty {
16     <div>No snacks available that match the filter</div>
17   }
18 </div>
```

### Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

```
1 <div class="container">
2 <h1>{{pageTitle}}</h1>
3 <app-filter [(filterCriteria)]='listFilter' />
4
5
6 <div class='grid'>
7   <div class='cellHeader'>Name</div>
8   <div class='cellHeader'>Price</div>
9   @for (snackItem of filteredSnacks(); track snackItem.id;
10     let idx = $index, first = $first, last = $last, even = $even, count = $count) {
11     <div class="row" [ngClass]="{bold: first || last, stripe: even}">
12       <div>{{count}}. {{ snackItem.name }}</div>
13       <div>{{ snackItem.price | number : '1.2-2' }}</div>
14     </div>
15   } @empty {
16     <div>No snacks available that match the filter</div>
17   }
18 </div>
```

### Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 6. popcorn    | 2.00  |
| 6. peanuts    | 3.00  |
| 6. mixed nuts | 5.00  |
| 6. crackers   | 2.50  |
| 6. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

```
1 <div class="container">
2 <h1>{{pageTitle}}</h1>
3 <app-filter [(filterCriteria)]='listFilter' />
4
5
6 <div class='grid'>
7   <div class='cellHeader'>Name</div>
8   <div class='cellHeader'>Price</div>
9   @for (snackItem of filteredSnacks(); track snackItem.id;
10     let idx = $index, first = $first, last = $last, even = $even, count = $count) {
11     <div class="row" [ngClass]="{bold: first || last, stripe: even, short: count>4}">
12       <div>{{idx+1}}. {{ snackItem.name }}</div>
13       <div>{{ snackItem.price | number : '1.2-2' }}</div>
14     </div>
15   } @empty {
16     <div>No snacks available that match the filter</div>
17   }
18 </div>
```

### Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |



snack.component.html X TS snack.component.ts

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index, first = $first, last = $last, even = $even, count = $count) {
10      <div class="row" [ngClass]="{bold: first || last, stripe: even, short: count>6}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

#5 track

snack.component.html X TS snack.component.ts

```
1 <div class="cont
2   <h1>{{pageTitl
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index, first = $first, last = $last, even = $even, count = $count) {
10      <div class="row" [ngClass]="{bold: first || last, stripe: even, short: count>6}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

snack.component.html X TS snack.component.ts

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFil' />
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track snackItem.id;
9       let idx = $index, first = $first, last = $last, even = $even, count = $count) {
10      <div class="row" [ngClass]="{bold: first || last, stripe: even, short: count>6}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

stackblitz.com/~ /edit/fun-for-block-deborahk-dw9u5x7?file=src/snacks/snack.component.html

Fun @for blocks (WIP)

snack.component.html X TS snack.component.ts

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]= 'listFilter' />
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track $index;
9       let idx = $index, first = $first, last = $last, even = $even, count = $count) {
10      <div class="row" [ngClass]="{bold: first || last, stripe: even, short: count>6}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |

\$index if collection doesn't change



stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x?file=src/snacks/snack.component.html

Fun @for blocks (WIP)

```
1 <div class="container">
2   <h1>{{pageTitle}}</h1>
3   <app-filter [(filterCriteria)]='listFilter' />
4
5   <div class='grid'>
6     <div class='cellHeader'>Name</div>
7     <div class='cellHeader'>Price</div>
8     @for (snackItem of filteredSnacks(); track $index;
9       let idx = $index, first = $first, last = $last, even = $even, count = $count) {
10      <div class="row" [ngClass]="{bold: first || last, stripe: even, short: count>6}">
11        <div>{{idx+1}}. {{ snackItem.name }}</div>
12        <div>{{ snackItem.price | number : '1.2-2' }}</div>
13      </div>
14    } @empty {
15      <div>No snacks available that match the filter</div>
16    }
17  </div>
18 </div>
```

## Snacks

Filter by:

| Name          | Price |
|---------------|-------|
| 1. popcorn    | 2.00  |
| 2. peanuts    | 3.00  |
| 3. mixed nuts | 5.00  |
| 4. crackers   | 2.50  |

**\$index** if collection doesn't change  
**unique id** if collection changes

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**\$index** if collection doesn't change  
**unique id** if collection changes  
**object reference** if no unique id

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| 4. crackers   | 2.50  |
| 5. ice cream  | 3.95  |
| 6. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x?file=src/snacks/snack.component.ts

Fun @for blocks (WIP)

```
1 import { Component, computed, inject, signal } from '@angular/core';
2 import { FilterComponent } from '../filter/filter.component';
3 import { DecimalPipe, NgClass } from '@angular/common';
4 import { SnackService } from './snack.service';
5 import { Snack } from './snack';
6
7 @Component({
8   selector: 'app-snack',
9   standalone: true,
10  imports: [FilterComponent, DecimalPipe, NgClass],
11  templateUrl: './snack.component.html'
12 })
13 export class SnackComponent {
14   pageTitle = 'Snacks';
15
16   snackService = inject(SnackService);
17
18   listFilter = signal('');
19   snacks = this.snackService.snacks;
20   filteredSnacks = computed(() =>
21     this.snacks().filter(s => s.name.includes(this.listFilter()));
22   );
23
24   trackSnack(index: number, snack: Snack) {
25     // Some complex code here
26     return snack.id;
27   }
28 }
```

## Snacks

Filter by:

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| 1. popcorn    | 2.00  |
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20   filteredSnacks = computed(() =>
21     this.snacks().filter(s => s.name.includes(this.listFilter());
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24   trackSnack(index: number, snack: Snack) {
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## Snacks

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**\$index** if collection doesn't change  
**unique id** if collection changes  
**object reference** if no unique id  
**function** for backward compatibility

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Fun @for blocks (WIP)

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1 <div class="container">
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| 6. corn nuts  | 2.29  |

stackblitz.com/~edit/fun-for-block-deborahk-dw9u5x7file=src/snacks/snack.component.html

Save Fork

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snack.component.html X TS

```
1 <div class="co
2 <h1>{{pageTi
3 <app-filter
4
5
6 <div class=
7 <div class=
8 @for (snack
9   let i
10   <div clas
11   <div>{{
12   <div>{{
13   </div>
14   } @empty {
15   <div>No s
16   }
17 </div>
18 </div>
```

#1 @empty

#2 \$index

#3 \$first, \$last,  
\$even, \$odd

#4 \$count

#5 track

snacks

by:

| he         | Price |
|------------|-------|
| popcorn    | 2.00  |
| eanuts     | 3.00  |
| mixed nuts | 5.00  |
| rackers    | 2.50  |
| ce cream   | 3.95  |
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