

```
1 function range(start, end ,step){
2   if(!step){step =1;}
3   let rangeArray=[];
4   for(let i= start; start<= end ? i <= end : i>= end; i+=step)
5   {
6     rangeArray.push(i);
7   }
8   return rangeArray;
9 }
10 function sum(rangeArray){
11 let a=0;
12 for(let i=0; i< rangeArray.length; i++ )
13 {
14   a += rangeArray[i];
15 }
16 return a;
17 }
18 console.log(range(1, 10));
19 // → [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
20 console.log(range(5, 2, -1));
21 // → [5, 4, 3, 2]
22 console.log(sum(range(1, 10)));
23 // → 55
24 console.log(sum(range(10,1,-2)));
25
```

```
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```

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

[5, 4, 3, 2]

55

30

Data Analysis

Minimum correlation =

90 journal entries and 26 events

carrot : 0.0141
 exercise : 0.0686
 weekend : 0.1372
 bread : -0.0758
 pudding : -0.0648
 brushed teeth : -0.3805
 touched tree : -0.0808
 nachos : -0.0704
 cycling : -0.0808
 brussel sprouts : -0.0523
 ice cream : -0.0808
 computer : 0.0686
 potatoes : -0.0857
 candy : 0.1296
 dentist : -0.0366
 running : -0.0905
 pizza : 0.0686
 work : -0.1372
 beer : -0.0523
 cauliflower : -0.0808
 lasagna : 0.0808
 lettuce : -0.0704
 television : -0.0808
 spaghetti : 0.2425
 reading : 0.1107
 peanuts : 0.5903

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Elements Console Sources Network Performance Memory Application Security

top Filter

```

> function analyze(min=0){
  let a=[];keys
  for(let evt of EVENTS){
    let cor = phi(tableFor(evt));
    if(Math.evt(cor) > min)
      a.push(evt + " : " + cor.toFixed(4))
  }
  return a
}

< undefined

> function analyze(min=0){
  let a=[];
  for(let evt of EVENTS){
    let count =0;
    for(let entry of JOURNAL){
      if(entry.events.includes(evt)){
        count++;
      }
    }
    let cor = phi(tableFor(evt));
    if(Math.abs(cor) > min)
      a.push(evt + " : " + cor.toFixed(4))
  }
  return a
}

< undefined

> alert
< f alert() { [native code] }
  
```

Data Analysis

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reading : 0.1107
peanuts : 0.5903

Sample code

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Elements Console Sources Network Performance Memory Application Security

top Filter Default levels No Issues

```
> analyze()
< (26) ['carrot : 0.0141', 'exercise : 0.0686', 'weekend : 0.1372', 'bread : -0.0758', 'pudding : -0.0648', 'brushed teeth : -0.3805', 'touched tree : -0.0808', 'nachos : -0.0704', 'cycling : -0.0808', 'brussel sprouts : -0.0523', 'ice cream : -0.0808', 'computer : 0.0686', 'potatoes : -0.0857', 'candy : 0.1296', 'dentist : -0.0366', 'running : -0.0905', 'pizza : 0.0686', 'work : -0.1372', 'beer : -0.0523', 'cauliflower : -0.0808', 'lasagna : 0.0808', 'lettuce : -0.0704', 'television : -0.0808', 'spaghetti : 0.2425', 'reading : 0.1107', 'peanuts : 0.5903']

> analyze(0.55)
< ▶ ['peanuts : 0.5903']

> analyze(0.012)
< (26) ['carrot : 0.0141', 'exercise : 0.0686', 'weekend : 0.1372', 'bread : -0.0758', 'pudding : -0.0648', 'brushed teeth : -0.3805', 'touched tree : -0.0808', 'nachos : -0.0704', 'cycling : -0.0808', 'brussel sprouts : -0.0523', 'ice cream : -0.0808', 'computer : 0.0686', 'potatoes : -0.0857', 'candy : 0.1296', 'dentist : -0.0366', 'running : -0.0905', 'pizza : 0.0686', 'work : -0.1372', 'beer : -0.0523', 'cauliflower : -0.0808', 'lasagna : 0.0808', 'lettuce : -0.0704', 'television : -0.0808', 'spaghetti : 0.2425', 'reading : 0.1107', 'peanuts : 0.5903']

> EVENTS
< ▶ Set(26) {'carrot', 'exercise', 'weekend', 'bread', 'pudding', ...}

> a=analyze(0.5)
< ▶ ['peanuts : 0.5903']

> a.map(e => ({evt: e, cor: phi(tableFor(e))}))
< ▼ [{...}] 1
  ▶ 0: {evt: 'peanuts : 0.5903', cor: NaN}
    length: 1
    [[Prototype]]: Array(0)

> a.filter(x => Math.abs(x.cor) > min)
< ▶ Uncaught ReferenceError: min is not defined
  at <anonymous>:1:33
  at Array.filter (<anonymous>)
  at <anonymous>:1:3

> a.filter(x => Math.abs(x.cor) > 0.6)
```