

7.10 Demo Code

Map

```
function runActivity() {  
  const fruit_prices = new Map([  
    ["apple", 10],  
    ["banana", 20],  
    ["orange", 30],  
  ]);  
  console.log(fruit_prices.size);  
  console.log(fruit_prices.has("banana"));  
  console.log(fruit_prices.values());  
  console.log(fruit_prices.keys());  
  console.log(fruit_prices.entries());  
  console.log(fruit_prices.get("apple"));  
  fruit_prices.set("melon", 40);  
  fruit_prices.delete("orange");  
  fruit_prices.forEach(function (value, key) {  
    console.log(key + ": " + value + " each");  
  });  
}
```

JSON

```
function runActivity() {  
  const actors = [  
    {  
      first_name: "Xyriel",  
      last_name: "Manabat",  
      years_acting: 6,  
      movie_list: ["Sisterakas", "Amarosa", "24/7 in Love"],  
    },  
    {  
      first_name: "Sue",  
      last_name: "Ramirez",  
      years_acting: 5,  
      movie_list: ["Aswang", "Dead Kids"],  
    },  
  ],
```

```

    {
      first_name: "Ogie",
      last_name: "Diaz",
      years_acting: 12,
      movie_list: ["Pare Ko"],
    },
  ];

  // console.log(actors[0].first_name);
  // console.log(actors[1].last_name);
  // console.log(actors[2].years_acting);
  // console.log(actors[0].movie_list[0]);
  for (let i = 0; i < actors[0].movie_list.length; i++) {
    console.log(actors[0].movie_list[i]);
  }

```

```

actors.push({
  first_name: "Kim",
  last_name: "Domingo",
  years_acting: 4,
  movie_list: [],
});

```

```

for (let i = 0; i < actors.length; i++) {
  console.log(actors[i].first_name + " " + actors[i].last_name);
}
}

```

Set

```

function runActivity() {
  const vegetables_temp = ["kale", "okra", "moringa"];
  const vegetables = new Set(vegetables_temp);
  vegetables.add("pumpkin");
  console.log(vegetables);
  vegetables.add("kale");
  console.log(vegetables);
  vegetables.forEach(function (vegetable) {
    console.log(vegetable);
  });
  console.log(vegetables.delete("moringa"));
}

```

```
console.log(vegetables.has("kale"));
```

```
console.log(vegetables.clear());
```

```
}
```