

# Backend: Debugging

## Node JS - debug

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The following exercise contains the following subjects:

- ◆ debugging

### Instructions

We took the code we did in data massaging in JS and broke the code. Copy the code (in the next page) and use the debugging tool you have learned. Find the bug and post a screen shot of where it fails from the debugging console and explain the bug and the fix in your own words.

```

const data = [
  {
    name: "John",
    birthday: "1-1-1995",
    favoriteFoods: [
      {
        meats: ["hamburgers", "sausages"],
        fish: ["salmon", "pike"],
      },
    ],
  },
  {
    name: "Mark",
    birthday: "10-5-1980",
    favoriteFoods: [
      {
        meats: ["hamburgers", "steak", "lamb"],
        fish: ["tuna", "salmon", "barracuda"],
      },
    ],
  },
  {
    name: "Mary",
    birthday: "1-10-1977",
    favoriteFoods: [
      {
        meats: ["ham", "chicken"],
        fish: ["pike"],
      },
    ],
  },
  {
    name: "Thomas",
    birthday: "1-10-1990",
    favoriteFoods: [
      {
        meats: ["bird", "rooster"],
        fish: ["salmon"],
      },
    ],
  },
  {
    name: "Mary",
    birthday: "1-10-1977",
    favoriteFoods: [
      {
        meats: ["hamburgers", "lamb"],
        fish: ["anchovies", "tuna"],
      },
    ],
  },
];

const names = (arr) => {
  return arr.map((el) => {
    return el.name;
  });
};

const born = (arr) => {
  return arr.filter((item) => {
    const birthday = new Date(item.birthday).getFullYear();
    if (birthday < 1990) {
      return item;
    }
  });
};

const food = (arr) => {
  const obj = {};

  arr.forEach((el) => {
    el.favoriteFoods.forEach((foodObj) => {
      console.log(foodObj);
      foodObj.forEach((meatItem) => {
        console.log();
        // obj[meatItem] = obj[meatItem] + 1 || 1;
      });
      foodObj.fish.forEach((fishItem) => {
        obj[fishItem] = obj[fishItem] + 1 || 1;
      });
    });
  });
  return obj;
};

console.log(food(data));

```