

const medications = [

```
{
  "name": "Paracetamol",
  "uses": "Used for pain relief and to reduce fever.",
  "side_effects": "Nausea, allergic reactions, liver damage (in overdose).",
  "dosage": "500 mg every 4-6 hours, max 4 g/day.",
  "class": "Analgesic/Antipyretic"
},
{
  "name": "Ibuprofen",
  "uses": "Relieves pain, inflammation, and fever.",
  "side_effects": "Stomach upset, ulcers, dizziness, kidney damage.",
  "dosage": "200-400 mg every 4-6 hours.",
  "class": "NSAID"
},
{
  "name": "Amoxicillin",
  "uses": "Treats bacterial infections.",
  "side_effects": "Rash, diarrhea, nausea.",
  "dosage": "500 mg every 8 hours.",
  "class": "Antibiotic (Penicillin)"
},
{
  "name": "Cetirizine",
  "uses": "Treats allergy symptoms like sneezing and itching.",
  "side_effects": "Drowsiness, dry mouth, headache.",
  "dosage": "10 mg once daily.",
  "class": "Antihistamine"
},
{
  "name": "Metformin",
  "uses": "Controls blood sugar in type 2 diabetes.",
  "side_effects": "Nausea, diarrhea, lactic acidosis (rare).",
  "dosage": "500 mg twice daily.",
  "class": "Biguanide"
},
{
  "name": "Amlodipine",
  "uses": "Treats high blood pressure and angina.",
  "side_effects": "Swelling, dizziness, flushing.",
  "dosage": "5-10 mg once daily.",
```

```
"class": "Calcium Channel Blocker"
},
{
  "name": "Atorvastatin",
  "uses": "Lowers cholesterol.",
  "side_effects": "Muscle pain, liver issues.",
  "dosage": "10-80 mg daily.",
  "class": "Statin"
},
{
  "name": "Omeprazole",
  "uses": "Treats acid reflux and ulcers.",
  "side_effects": "Headache, stomach pain.",
  "dosage": "20 mg before meals.",
  "class": "Proton Pump Inhibitor"
},
{
  "name": "Losartan",
  "uses": "Lowers blood pressure.",
  "side_effects": "Dizziness, back pain.",
  "dosage": "50 mg once daily.",
  "class": "ARB"
},
{
  "name": "Salbutamol",
  "uses": "Relieves asthma symptoms.",
  "side_effects": "Tremor, palpitations.",
  "dosage": "100-200 mcg inhaled.",
  "class": "Beta-2 Agonist"
},
{
  "name": "Lisinopril",
  "uses": "Treats hypertension and heart failure.",
  "side_effects": "Cough, high potassium.",
  "dosage": "10-40 mg once daily.",
  "class": "ACE Inhibitor"
},
{
  "name": "Levothyroxine",
  "uses": "Treats hypothyroidism.",
  "side_effects": "Weight loss, anxiety.",
  "dosage": "25-100 mcg once daily.",
  "class": "Thyroid Hormone"
},
{
  "name": "Hydrochlorothiazide",
```

```
"uses": "Treats high blood pressure.",
"side_effects": "Frequent urination, low potassium.",
"dosage": "12.5-50 mg once daily.",
"class": "Thiazide Diuretic"
},
{
"name": "Clopidogrel",
"uses": "Prevents blood clots.",
"side_effects": "Bleeding, bruising.",
"dosage": "75 mg once daily.",
"class": "Antiplatelet"
},
{
"name": "Warfarin",
"uses": "Prevents and treats blood clots.",
"side_effects": "Bleeding, headache.",
"dosage": "2-10 mg daily, INR based.",
"class": "Anticoagulant"
},
{
"name": "Ranitidine",
"uses": "Treats ulcers and heartburn.",
"side_effects": "Constipation, nausea.",
"dosage": "150 mg twice daily.",
"class": "H2 Blocker"
},
{
"name": "Doxycycline",
"uses": "Treats bacterial infections and acne.",
"side_effects": "Sun sensitivity, nausea.",
"dosage": "100 mg twice daily.",
"class": "Tetracycline Antibiotic"
},
{
"name": "Furosemide",
"uses": "Treats edema and hypertension.",
"side_effects": "Dizziness, dehydration.",
"dosage": "20-80 mg/day.",
"class": "Loop Diuretic"
},
{
"name": "Insulin Glargine",
"uses": "Long-acting insulin for diabetes.",
"side_effects": "Low blood sugar.",
"dosage": "10-80 units/day.",
"class": "Insulin"
```

```
},
{
  "name": "Prednisone",
  "uses": "Treats inflammation and autoimmune conditions.",
  "side_effects": "Weight gain, mood swings.",
  "dosage": "5-60 mg daily.",
  "class": "Corticosteroid"
},
{
  "name": "Diazepam",
  "uses": "Relieves anxiety and muscle spasms.",
  "side_effects": "Drowsiness, fatigue.",
  "dosage": "2-10 mg twice daily.",
  "class": "Benzodiazepine"
},
{
  "name": "Azithromycin",
  "uses": "Treats respiratory and skin infections.",
  "side_effects": "Nausea, abdominal pain.",
  "dosage": "500 mg once daily for 3 days.",
  "class": "Macrolide Antibiotic"
},
{
  "name": "Fluoxetine",
  "uses": "Treats depression and OCD.",
  "side_effects": "Insomnia, dry mouth.",
  "dosage": "20-40 mg once daily.",
  "class": "SSRI"
},
{
  "name": "Sertraline",
  "uses": "Treats depression and anxiety.",
  "side_effects": "Nausea, sexual dysfunction.",
  "dosage": "50-100 mg daily.",
  "class": "SSRI"
},
{
  "name": "Alprazolam",
  "uses": "Treats anxiety and panic disorders.",
  "side_effects": "Drowsiness, dependence.",
  "dosage": "0.25-1 mg as needed.",
  "class": "Benzodiazepine"
},
{
  "name": "Risperidone",
  "uses": "Treats schizophrenia and bipolar disorder.",
```

```
"side_effects": "Weight gain, drowsiness.",
"dosage": "1-6 mg daily.",
"class": "Antipsychotic"
},
{
"name": "Haloperidol",
"uses": "Used for psychotic disorders.",
"side_effects": "Muscle stiffness, restlessness.",
"dosage": "0.5-5 mg daily.",
"class": "Antipsychotic"
},
{
"name": "Morphine",
"uses": "Treats severe pain.",
"side_effects": "Constipation, respiratory depression.",
"dosage": "15-30 mg every 4 hrs.",
"class": "Opioid"
},
{
"name": "Codeine",
"uses": "Treats mild to moderate pain and cough.",
"side_effects": "Drowsiness, nausea.",
"dosage": "15-60 mg every 4-6 hrs.",
"class": "Opioid"
},
{
"name": "Tramadol",
"uses": "Manages moderate pain.",
"side_effects": "Dizziness, nausea.",
"dosage": "50-100 mg every 4-6 hrs.",
"class": "Opioid Analgesic"
},
{
"name": "Esomeprazole",
"uses": "Reduces acid for GERD.",
"side_effects": "Headache, constipation.",
"dosage": "20-40 mg once daily.",
"class": "PPI"
},
{
"name": "Pantoprazole",
"uses": "Treats GERD and ulcers.",
"side_effects": "Diarrhea, dizziness.",
"dosage": "40 mg once daily.",
"class": "PPI"
},
}
```

```
{
  "name": "Naproxen",
  "uses": "Pain and inflammation relief.",
  "side_effects": "Stomach upset, bleeding.",
  "dosage": "250-500 mg twice daily.",
  "class": "NSAID"
},
{
  "name": "Aspirin",
  "uses": "Reduces pain and prevents clots.",
  "side_effects": "Bleeding, GI upset.",
  "dosage": "75-325 mg daily.",
  "class": "NSAID/Antiplatelet"
},
{
  "name": "Clonazepam",
  "uses": "Treats seizures and panic disorder.",
  "side_effects": "Drowsiness, coordination issues.",
  "dosage": "0.5-2 mg twice daily.",
  "class": "Benzodiazepine"
},
{
  "name": "Montelukast",
  "uses": "Treats asthma and allergies.",
  "side_effects": "Headache, flu symptoms.",
  "dosage": "10 mg once daily.",
  "class": "Leukotriene Receptor Antagonist"
},
{
  "name": "Gliclazide",
  "uses": "Controls blood sugar in diabetes.",
  "side_effects": "Low blood sugar, weight gain.",
  "dosage": "40-80 mg once or twice daily.",
  "class": "Sulfonylurea"
},
{
  "name": "Pioglitazone",
  "uses": "Improves insulin sensitivity.",
  "side_effects": "Weight gain, fluid retention.",
  "dosage": "15-45 mg once daily.",
  "class": "Thiazolidinedione"
},
{
  "name": "Dexamethasone",
  "uses": "Treats inflammation and allergies.",
  "side_effects": "Irritability, high blood sugar.",
```

```
"dosage": "0.5-6 mg daily.",
"class": "Corticosteroid"
},
{
"name": "Insulin Regular",
"uses": "Short-acting insulin for diabetes.",
"side_effects": "Hypoglycemia, swelling.",
"dosage": "5-20 units before meals.",
"class": "Insulin"
},
{
"name": "Ciprofloxacin",
"uses": "Treats urinary and respiratory infections.",
"side_effects": "Nausea, tendon pain.",
"dosage": "500 mg twice daily.",
"class": "Fluoroquinolone"
},
{
"name": "Fluconazole",
"uses": "Treats fungal infections.",
"side_effects": "Stomach upset, rash.",
"dosage": "150 mg once/week or daily.",
"class": "Antifungal"
},
{
"name": "Acetazolamide",
"uses": "Treats glaucoma and altitude sickness.",
"side_effects": "Tingling, nausea.",
"dosage": "250 mg 1-4 times/day.",
"class": "Carbonic Anhydrase Inhibitor"
},
{
"name": "Spironolactone",
"uses": "Treats heart failure, acne, fluid retention.",
"side_effects": "High potassium, gynecomastia.",
"dosage": "25-100 mg daily.",
"class": "Aldosterone Antagonist"
},
{
"name": "Hydroxychloroquine",
"uses": "Treats malaria, lupus, rheumatoid arthritis.",
"side_effects": "Vision changes, nausea.",
"dosage": "200-400 mg daily.",
"class": "Antimalarial/Immunomodulator"
}
];
```

```
// You can now use the 'medications' array in your JavaScript code.  
// For example, to log the array to the console:  
// console.log(medications);  
  
// To access specific medication information:  
// console.log(medications[0].name); // Outputs: Paracetamol  
// console.log(medications[0].uses); // Outputs: Used for pain relief and to reduce fever.  
Convert into file for uploading on GitHub
```

To upload this array as a file on GitHub, you can save it as a JavaScript file (e.g., `medications.js`). Here's a ready-to-save version you can copy to a file:

```
const medications = [  
  {  
    "name": "Paracetamol",  
    "uses": "Used for pain relief and to reduce fever.",  
    "side_effects": "Nausea, allergic reactions, liver damage (in overdose).",  
    "dosage": "500 mg every 4-6 hours, max 4 g/day.",  
    "class": "Analgesic/Antipyretic"  
  },  
  {  
    "name": "Ibuprofen",  
    "uses": "Relieves pain, inflammation, and fever.",  
    "side_effects": "Stomach upset, ulcers, dizziness, kidney damage.",  
    "dosage": "200-400 mg every 4-6 hours.",  
    "class": "NSAID"  
  },  
  {  
    "name": "Amoxicillin",  
    "uses": "Treats bacterial infections.",  
    "side_effects": "Rash, diarrhea, nausea.",  
    "dosage": "500 mg every 8 hours.",  
    "class": "Antibiotic (Penicillin)"  
  },  
  {  
    "name": "Cetirizine",  
    "uses": "Treats allergy symptoms like sneezing and itching.",  
    "side_effects": "Drowsiness, dry mouth, headache.",  
    "dosage": "10 mg once daily.",  
    "class": "Antihistamine"  
  },  
  {  
    "name": "Metformin",  
    "uses": "Controls blood sugar in type 2 diabetes.",  
    "side_effects": "Nausea, diarrhea, lactic acidosis (rare).",  
    "dosage": "500 mg twice daily.",  
    "class": "Biguanide"  
  },  
  {  
    "name": "Amlodipine",  
    "uses": "Treats high blood pressure and angina.",  
    "side_effects": "Swelling, dizziness, flushing.",  
    "dosage": "5-10 mg once daily.",  
    "class": "Calcium Channel Blocker"  
  }  
]
```



```
,
{
  "name": "Atorvastatin",
  "uses": "Lowers cholesterol.",
  "side_effects": "Muscle pain, liver issues.",
  "dosage": "10-80 mg daily.",
  "class": "Statin"
},
{
  "name": "Omeprazole",
  "uses": "Treats acid reflux and ulcers.",
  "side_effects": "Headache, stomach pain.",
  "dosage": "20 mg before meals.",
  "class": "Proton Pump Inhibitor"
},
{
  "name": "Losartan",
  "uses": "Lowers blood pressure.",
  "side_effects": "Dizziness, back pain.",
  "dosage": "50 mg once daily.",
  "class": "ARB"
},
{
  "name": "Salbutamol",
  "uses": "Relieves asthma symptoms.",
  "side_effects": "Tremor, palpitations.",
  "dosage": "100-200 mcg inhaled.",
  "class": "Beta-2 Agonist"
},
{
  "name": "Lisinopril",
  "uses": "Treats hypertension and heart failure.",
  "side_effects": "Cough, high potassium.",
  "dosage": "10-40 mg once daily.",
  "class": "ACE Inhibitor"
},
{
  "name": "Levothyroxine",
  "uses": "Treats hypothyroidism.",
  "side_effects": "Weight loss, anxiety.",
  "dosage": "25-100 mcg once daily.",
  "class": "Thyroid Hormone"
},
{
  "name": "Hydrochlorothiazide",
  "uses": "Treats high blood pressure.",
  "side_effects": "Frequent urination, low potassium.",
  "dosage": "12.5-50 mg once daily.",
  "class": "Thiazide Diuretic"
},
{
  "name": "Clopidogrel",
  "uses": "Prevents blood clots.",
  "side_effects": "Bleeding, bruising.",
  "dosage": "75 mg once daily.",
  "class": "Antiplatelet"
```

```
,
{
  "name": "Warfarin",
  "uses": "Prevents and treats blood clots.",
  "side_effects": "Bleeding, headache.",
  "dosage": "2-10 mg daily, INR based.",
  "class": "Anticoagulant"
},
{
  "name": "Ranitidine",
  "uses": "Treats ulcers and heartburn.",
  "side_effects": "Constipation, nausea.",
  "dosage": "150 mg twice daily.",
  "class": "H2 Blocker"
},
{
  "name": "Doxycycline",
  "uses": "Treats bacterial infections and acne.",
  "side_effects": "Sun sensitivity, nausea.",
  "dosage": "100 mg twice daily.",
  "class": "Tetracycline Antibiotic"
},
{
  "name": "Furosemide",
  "uses": "Treats edema and hypertension.",
  "side_effects": "Dizziness, dehydration.",
  "dosage": "20-80 mg/day.",
  "class": "Loop Diuretic"
},
{
  "name": "Insulin Glargine",
  "uses": "Long-acting insulin for diabetes.",
  "side_effects": "Low blood sugar.",
  "dosage": "10-80 units/day.",
  "class": "Insulin"
},
{
  "name": "Prednisone",
  "uses": "Treats inflammation and autoimmune conditions.",
  "side_effects": "Weight gain, mood swings.",
  "dosage": "5-60 mg daily.",
  "class": "Corticosteroid"
},
{
  "name": "Diazepam",
  "uses": "Relieves anxiety and muscle spasms.",
  "side_effects": "Drowsiness, fatigue.",
  "dosage": "2-10 mg twice daily.",
  "class": "Benzodiazepine"
},
{
  "name": "Azithromycin",
  "uses": "Treats respiratory and skin infections.",
  "side_effects": "Nausea, abdominal pain.",
  "dosage": "500 mg once daily for 3 days.",
  "class": "Macrolide Antibiotic"
}
```

```
,
{
  "name": "Fluoxetine",
  "uses": "Treats depression and OCD.",
  "side_effects": "Insomnia, dry mouth.",
  "dosage": "20-40 mg once daily.",
  "class": "SSRI"
},
{
  "name": "Sertraline",
  "uses": "Treats depression and anxiety.",
  "side_effects": "Nausea, sexual dysfunction.",
  "dosage": "50-100 mg daily.",
  "class": "SSRI"
},
{
  "name": "Alprazolam",
  "uses": "Treats anxiety and panic disorders.",
  "side_effects": "Drowsiness, dependence.",
  "dosage": "0.25-1 mg as needed.",
  "class": "Benzodiazepine"
},
{
  "name": "Risperidone",
  "uses": "Treats schizophrenia and bipolar disorder.",
  "side_effects": "Weight gain, drowsiness.",
  "dosage": "1-6 mg daily.",
  "class": "Antipsychotic"
},
{
  "name": "Haloperidol",
  "uses": "Used for psychotic disorders.",
  "side_effects": "Muscle stiffness, restlessness.",
  "dosage": "0.5-5 mg daily.",
  "class": "Antipsychotic"
},
{
  "name": "Morphine",
  "uses": "Treats severe pain.",
  "side_effects": "Constipation, respiratory depression.",
  "dosage": "15-30 mg every 4 hrs.",
  "class": "Opioid"
},
{
  "name": "Codeine",
  "uses": "Treats mild to moderate pain and cough.",
  "side_effects": "Drowsiness, nausea.",
  "dosage": "15-60 mg every 4-6 hrs.",
  "class": "Opioid"
},
{
  "name": "Tramadol",
  "uses": "Manages moderate pain.",
  "side_effects": "Dizziness, nausea.",
  "dosage": "50-100 mg every 4-6 hrs.",
  "class": "Opioid Analgesic"
}
```

```
,
{
  "name": "Esomeprazole",
  "uses": "Reduces acid for GERD.",
  "side_effects": "Headache, constipation.",
  "dosage": "20-40 mg once daily.",
  "class": "PPI"
},
{
  "name": "Pantoprazole",
  "uses": "Treats GERD and ulcers.",
  "side_effects": "Diarrhea, dizziness.",
  "dosage": "40 mg once daily.",
  "class": "PPI"
},
{
  "name": "Naproxen",
  "uses": "Pain and inflammation relief.",
  "side_effects": "Stomach upset, bleeding.",
  "dosage": "250-500 mg twice daily.",
  "class": "NSAID"
},
{
  "name": "Aspirin",
  "uses": "Reduces pain and prevents clots.",
  "side_effects": "Bleeding, GI upset.",
  "dosage": "75-325 mg daily.",
  "class": "NSAID/Antiplatelet"
},
{
  "name": "Clonazepam",
  "uses": "Treats seizures and panic disorder.",
  "side_effects": "Drowsiness, coordination issues.",
  "dosage": "0.5-2 mg twice daily.",
  "class": "Benzodiazepine"
},
{
  "name": "Montelukast",
  "uses": "Treats asthma and allergies.",
  "side_effects": "Headache, flu symptoms.",
  "dosage": "10 mg once daily.",
  "class": "Leukotriene Receptor Antagonist"
},
{
  "name": "Gliclazide",
  "uses": "Controls blood sugar in diabetes.",
  "side_effects": "Low blood sugar, weight gain.",
  "dosage": "40-80 mg once or twice daily.",
  "class": "Sulfonylurea"
},
{
  "name": "Pioglitazone",
  "uses": "Improves insulin sensitivity.",
  "side_effects": "Weight gain, fluid retention.",
  "dosage": "15-45 mg once daily.",
  "class": "Thiazolidinedione"
```

```

    },
    {
      "name": "Dexamethasone",
      "uses": "Treats inflammation and allergies.",
      "side_effects": "Irritability, high blood sugar.",
      "dosage": "0.5-6 mg daily.",
      "class": "Corticosteroid"
    },
    {
      "name": "Insulin Regular",
      "uses": "Short-acting insulin for diabetes.",
      "side_effects": "Hypoglycemia, swelling.",
      "dosage": "5-20 units before meals.",
      "class": "Insulin"
    },
    {
      "name": "Ciprofloxacin",
      "uses": "Treats urinary and respiratory infections.",
      "side_effects": "Nausea, tendon pain.",
      "dosage": "500 mg twice daily.",
      "class": "Fluoroquinolone"
    },
    {
      "name": "Fluconazole",
      "uses": "Treats fungal infections.",
      "side_effects": "Stomach upset, rash.",
      "dosage": "150 mg once/week or daily.",
      "class": "Antifungal"
    },
    {
      "name": "Acetazolamide",
      "uses": "Treats glaucoma and altitude sickness.",
      "side_effects": "Tingling, nausea.",
      "dosage": "250 mg 1-4 times/day.",
      "class": "Carbonic Anhydrase Inhibitor"
    },
    {
      "name": "Spironolactone",
      "uses": "Treats heart failure, acne, fluid retention.",
      "side_effects": "High potassium, gynecomastia.",
      "dosage": "25-100 mg daily.",
      "class": "Aldosterone Antagonist"
    },
    {
      "name": "Hydroxychloroquine",
      "uses": "Treats malaria, lupus, rheumatoid arthritis.",
      "side_effects": "Vision changes, nausea.",
      "dosage": "200-400 mg daily.",
      "class": "Antimalarial/Immunomodulator"
    }
  ]
};

// Export the array if using with modules
// module.exports = medications;

```

Steps to upload on GitHub:

1. Create a new file named `medications.js` locally.
2. Paste the above code inside.
3. Save the file.
4. Commit and push the file to your GitHub repository.

If you want it as JSON file instead, simply save the array without the `const medications =` and no trailing semicolon, like so:

```
[
  {
    "name": "Paracetamol",
    "uses": "Used for pain relief and to reduce fever.",
    "side_effects": "Nausea, allergic reactions, liver damage (in overdose).",
    "dosage": "500 mg every 4-6 hours, max 4 g/day.",
    "class": "Analgesic/Antipyretic"
  },
  ...
]
```

and save as `medications.json`.

Let me know if you want that version as well!