

## Questions:

1. list all the phones in a table and sort by the price value in ascending order by default.
2. Add text box to filter the records (should filter based on the brand, name and processor)
3. Display the check boxes dynamically (like 32, 64, 128, 256, 512) to filter the records based on the storage capacity.

```
export const mobilesJSON = {
  brands: [
    {
      brand: 'Apple',
      models: [
        { name: 'iphone 13', price: 69990, processor: 'A 15', colors: ['green', 'pink', 'blue', 'midnight'], storageCapacity: [128, 256, 512] },
        { name: 'iphone se', price: 43900, processor: 'A 15', colors: ['red', 'midnight'], storageCapacity: [64, 128, 256] },
        { name: 'iphone 12', price: 45990, processor: 'A 14', colors: ['green', 'purple', 'blue', 'black'], storageCapacity: [64, 128, 256] },
      ]
    },
    {
      brand: 'Samsung',
      models: [
        { name: 'S22', price: 72999, processor: 'snapdragon 8 gen1', colors: ['phantom green', 'phantom black', 'blue'], storageCapacity: [128, 256] },
        { name: 'Z fold', price: 157999, processor: 'snapdragon 8 gen1', colors: ['phantom green', 'phantom black'], storageCapacity: [128, 256, 512] },
        { name: 'Z flip', price: 84999, processor: 'snapdragon 8 gen1', colors: ['cream', 'phantom black'], storageCapacity: [128, 256, 512] },
      ]
    },
    {
      brand: 'Oneplus',
      models: [
        { name: 'OnePlus 9', price: 44999, processor: 'Snapdragon 888', colors: ['mist', 'phantom black'], storageCapacity: [128, 256] },
        { name: 'OnePlus 9RT', price: 42999, processor: 'Snapdragon 888', colors: ['phantom green', 'phantom black'], storageCapacity: [128, 256] },
        { name: 'nord CE2', price: 23999, processor: 'Snapdragon 666', colors: ['blue', 'mirror'], storageCapacity: [128] },
      ]
    },
    {
      brand: 'Vivo',
      models: [
        { name: 'X70 Pro', price: 46999, processor: 'snapdragon 8 gen1', colors: ['black', 'aurora dawn'], storageCapacity: [128, 256] },
        { name: 'V23 Pro', price: 38990, processor: 'Snapdragon 888', colors: ['gold', 'black'], storageCapacity: [128, 256] },
        { name: 'S1 Pro', price: 18990, processor: 'Snapdragon 888', colors: ['white', 'blue', 'black'], storageCapacity: [128] },
      ]
    }
  ]
}
```

Search:

Storage: ☒ 64 ☒ 128 ☒ 256 ☒ 512

Brand	Name	Price	Processor	Colors	Storage Capacity
apple	iphone se	43900	A 15	red	64
				midnight	128
					256
	iphone 12	45990	A 14	green	64
				purple	128
				blue	256
				black	
	iphone 13	69990	A 15	green	128
				pink	256
				blue	512
				midnight	
samsung	S22	72999	snapdragon 8 gen1	phantom green	128
				phantom black	256
				blue	
	Z flip	84999	snapdragon 8 gen1	cream	128
				phantom black	256
					512
	Z fold	157999	snapdragon 8 gen1	phantom green	128
				phantom black	256
					512
oneplus	nord CE2	23999	Snapdragon 666	blue	128
	OnePlus 9RT	42999	Snapdragon 888	mirror	
				phantom green	128
	OnePlus 9	44999	Snapdragon 888	phantom black	256
				mist	128
				phantom black	256
vivo	S1 Pro	18990	Snapdragon 888	white	
				blue	128
				black	
	V23 Pro	38990	Snapdragon 888	gold	128
				black	256
	X70 Pro	46999	snapdragon 8 gen1	black	128
				aurora dawn	256