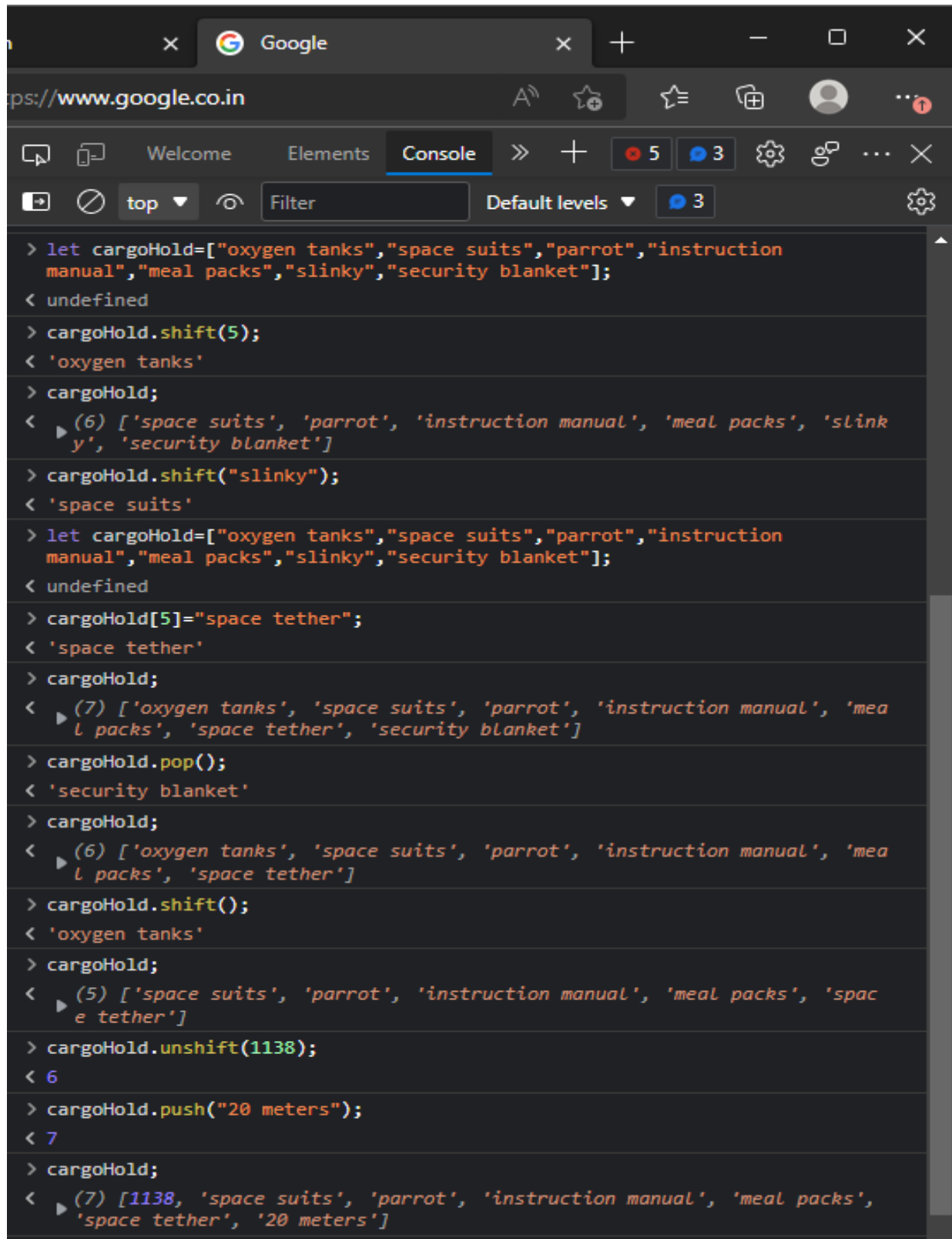


SDE TASK-3

1)

```
> let practiceFile=[273.15];  
< undefined  
> practiceFile.push(42);  
< 2  
> practiceFile.push("hello");  
< 3  
> practiceFile.push(false,-4.6,"86");  
< 6  
> practiceFile;  
< ► (6) [273.15, 42, 'hello', false, -4.6, '86']
```

2)



```
> let cargoHold=["oxygen tanks","space suits","parrot","instruction manual","meal packs","slinky","security blanket"];
< undefined

> cargoHold.shift(5);
< 'oxygen tanks'

> cargoHold;
< (6) ['space suits', 'parrot', 'instruction manual', 'meal packs', 'slinky', 'security blanket']

> cargoHold.shift("slinky");
< 'space suits'

> let cargoHold=["oxygen tanks","space suits","parrot","instruction manual","meal packs","slinky","security blanket"];
< undefined

> cargoHold[5]="space tether";
< 'space tether'

> cargoHold;
< (7) ['oxygen tanks', 'space suits', 'parrot', 'instruction manual', 'meal packs', 'space tether', 'security blanket']

> cargoHold.pop();
< 'security blanket'

> cargoHold;
< (6) ['oxygen tanks', 'space suits', 'parrot', 'instruction manual', 'meal packs', 'space tether']

> cargoHold.shift();
< 'oxygen tanks'

> cargoHold;
< (5) ['space suits', 'parrot', 'instruction manual', 'meal packs', 'space tether']

> cargoHold.unshift(1138);
< 6

> cargoHold.push("20 meters");
< 7

> cargoHold;
< (7) [1138, 'space suits', 'parrot', 'instruction manual', 'meal packs', 'space tether', '20 meters']
```

3)

```
> let cargoHold=[1138, 'space suits', 'parrot', 'instruction manual', 'meal  
packs', 'space tether'];
```

```
< undefined
```

```
> cargoHold.splice(3,0,'keys');
```

```
< ► []
```

```
> cargoHold;
```

```
< ► (7) [1138, 'space suits', 'parrot', 'keys', 'instruction manual', 'meal  
packs', 'space tether']
```

```
> cargoHold.splice(4,5);
```

```
< ► (3) ['instruction manual', 'meal packs', 'space tether']
```

```
> cargoHold.push('instruction manual', 'meal packs', 'space tether');
```

```
< 7
```

```
> cargoHold;
```

```
< ► (7) [1138, 'space suits', 'parrot', 'keys', 'instruction manual', 'meal  
packs', 'space tether']
```

```
> cargoHold.splice(4,1);
```

```
< ► ['instruction manual']
```

```
> cargoHold.splice(2,0,'cat','fob','string cheese');
```

```
✖ ► Uncaught ReferenceError: cargohold is not defined VM2120:1  
at <anonymous>:1:1
```

```
> cargoHold;
```

```
< ► (6) [1138, 'space suits', 'parrot', 'keys', 'meal packs', 'space tethe  
r']
```

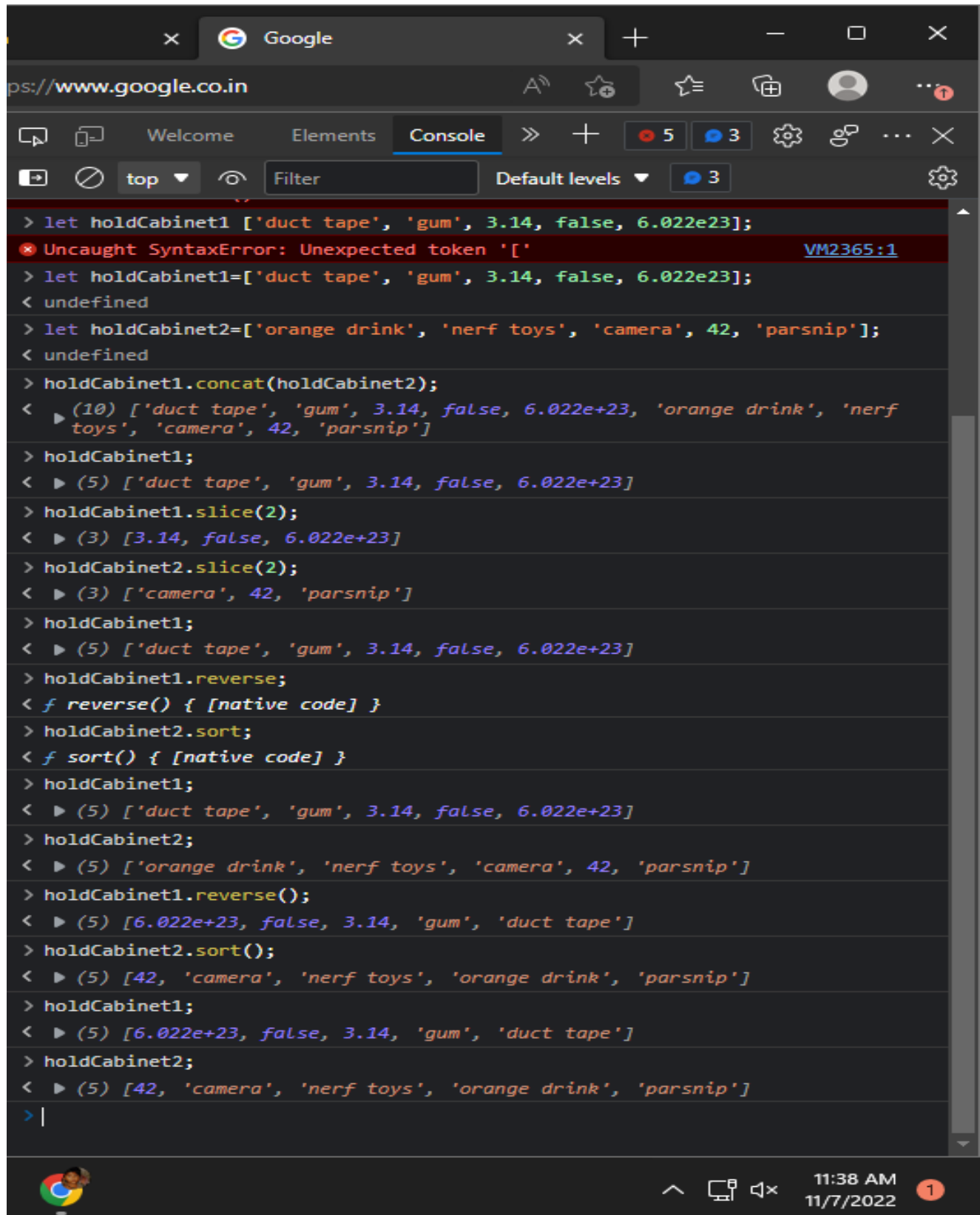
```
> cargoHold.splice(2,0,"cat","fob","string cheese");
```

```
< ► []
```

```
> cargoHold;
```

```
< ► (9) [1138, 'space suits', 'cat', 'fob', 'string cheese', 'parrot', 'key  
s', 'meal packs', 'space tether']
```

4)

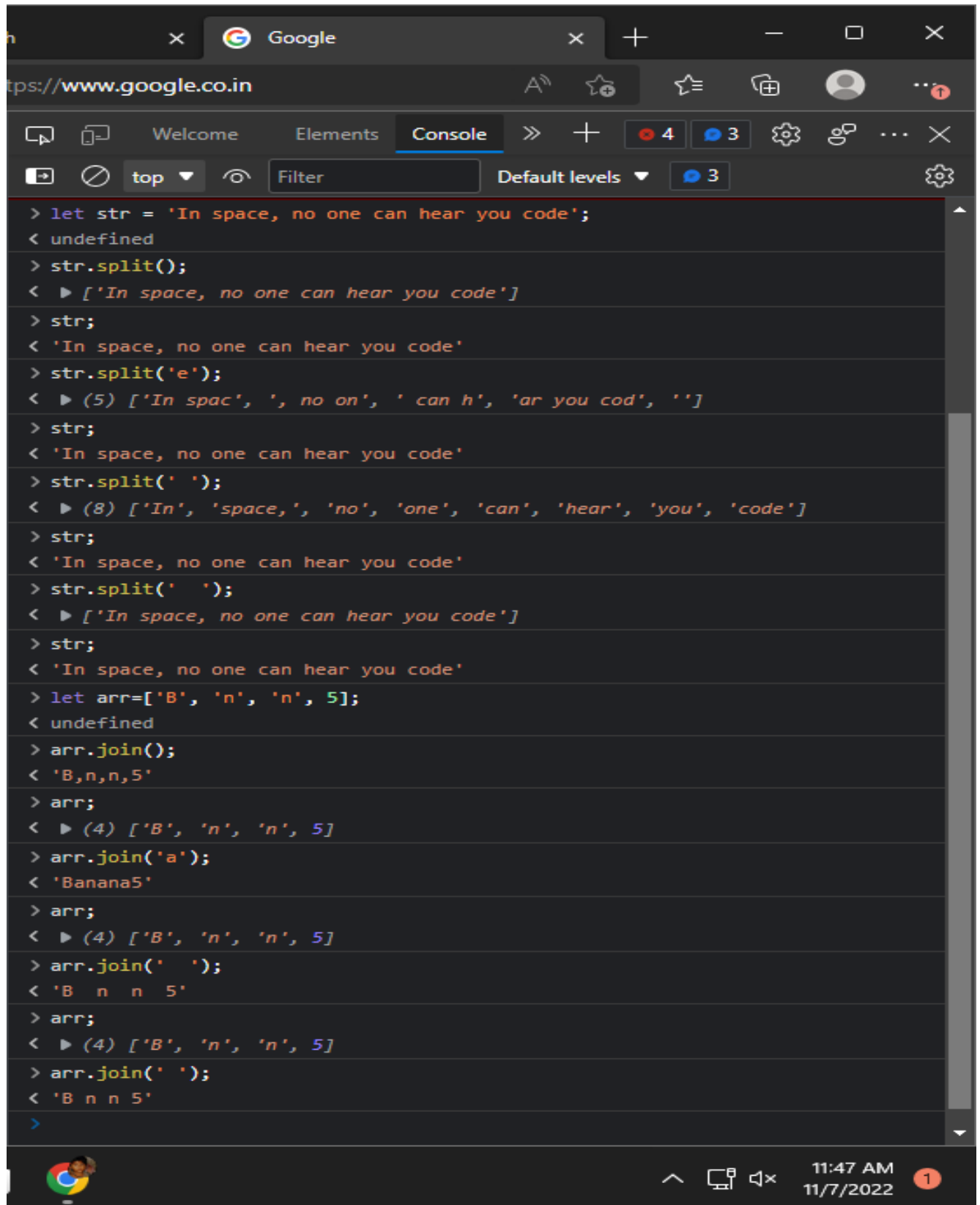


The screenshot shows a Google Chrome browser window with the address bar displaying `ps://www.google.co.in`. The console is open, showing the following code and output:

```
> let holdCabinet1 ['duct tape', 'gum', 3.14, false, 6.022e23];
✖ Uncaught SyntaxError: Unexpected token '[' VM2365:1
> let holdCabinet1=['duct tape', 'gum', 3.14, false, 6.022e23];
< undefined
> let holdCabinet2=['orange drink', 'nerf toys', 'camera', 42, 'parsnip'];
< undefined
> holdCabinet1.concat(holdCabinet2);
< ▶ (10) ['duct tape', 'gum', 3.14, false, 6.022e+23, 'orange drink', 'nerf toys', 'camera', 42, 'parsnip']
> holdCabinet1;
< ▶ (5) ['duct tape', 'gum', 3.14, false, 6.022e+23]
> holdCabinet1.slice(2);
< ▶ (3) [3.14, false, 6.022e+23]
> holdCabinet2.slice(2);
< ▶ (3) ['camera', 42, 'parsnip']
> holdCabinet1;
< ▶ (5) ['duct tape', 'gum', 3.14, false, 6.022e+23]
> holdCabinet1.reverse();
< f reverse() { [native code] }
> holdCabinet2.sort();
< f sort() { [native code] }
> holdCabinet1;
< ▶ (5) ['duct tape', 'gum', 3.14, false, 6.022e+23]
> holdCabinet2;
< ▶ (5) ['orange drink', 'nerf toys', 'camera', 42, 'parsnip']
> holdCabinet1.reverse();
< ▶ (5) [6.022e+23, false, 3.14, 'gum', 'duct tape']
> holdCabinet2.sort();
< ▶ (5) [42, 'camera', 'nerf toys', 'orange drink', 'parsnip']
> holdCabinet1;
< ▶ (5) [6.022e+23, false, 3.14, 'gum', 'duct tape']
> holdCabinet2;
< ▶ (5) [42, 'camera', 'nerf toys', 'orange drink', 'parsnip']
> |
```

The bottom of the screen shows the Windows taskbar with the Chrome icon, system tray icons, and the time `11:38 AM 11/7/2022`.

5)



The screenshot shows a Google Chrome browser window with the address bar displaying `https://www.google.co.in`. The console is open, showing the following code and its output:

```
> let str = 'In space, no one can hear you code';  
< undefined  
> str.split();  
< ▶ ['In space, no one can hear you code']  
> str;  
< 'In space, no one can hear you code'  
> str.split('e');  
< ▶ (5) ['In spac', ', no on', ' can h', 'ar you cod', '']  
> str;  
< 'In space, no one can hear you code'  
> str.split(' ');  
< ▶ (8) ['In', 'space,', 'no', 'one', 'can', 'hear', 'you', 'code']  
> str;  
< 'In space, no one can hear you code'  
> str.split(' ');  
< ▶ ['In space, no one can hear you code']  
> str;  
< 'In space, no one can hear you code'  
> let arr=['B', 'n', 'n', 5];  
< undefined  
> arr.join();  
< 'B,n,n,5'  
> arr;  
< ▶ (4) ['B', 'n', 'n', 5]  
> arr.join('a');  
< 'Banana5'  
> arr;  
< ▶ (4) ['B', 'n', 'n', 5]  
> arr.join(' ');  
< 'B n n 5'  
> arr;  
< ▶ (4) ['B', 'n', 'n', 5]  
> arr.join(' ');  
< 'B n n 5'  
>
```

The bottom of the screen shows the Windows taskbar with the Google Chrome icon, system tray icons for network, volume, and power, and the date and time: 11:47 AM, 11/7/2022.

6)

```
> let element1 = ['hydrogen', 'H', 1.008];  
< undefined  
> let element2 = ['helium', 'He', 4.003];  
< undefined  
> let element26 = ['iron', 'Fe', 55.85];  
< undefined  
> let table=['element1','element2','element26'];  
< undefined  
> table.push(arrayName);
```

```
✖ ▶ Uncaught ReferenceError: arrayName is not defined  
    at <anonymous>:1:12
```

[VM3674:1](#)

```
> table;  
< ▶ (3) ['element1', 'element2', 'element26']  
> let table=[element1,element2,element26];  
< undefined  
> table;  
< ▶ (3) [Array(3), Array(3), Array(3)]  
> table[1];  
< ▶ (3) ['helium', 'He', 4.003]  
> table[1][1];  
< 'He'  
> table[0][2];  
< 1.008  
> table[1][0];  
< 'helium'  
> table[2][1];  
< 'Fe'  
> |
```



12:10 PM
11/7/2022

1

7)

The screenshot shows a web browser window with the address bar displaying `https://www.google.co.in`. The developer console is open, showing the following code and output:

```
> let people = ["Greg", "Mary", "Devon", "James"];
< undefined
> for(let i=0;i<people.length;i++){console.log(people[i]);}
Greg
Mary
Devon
James
< undefined
> people.shift();
< 'Greg'
> people.pop();
< 'James'
> people.unshift("Matt");
< 3
> people.push("Mohan");
< 4
> for(let i=0;i<people.length;i++){console.log(people["Mary"]);}
4 undefined
< undefined
> people;
< ▶ (4) ['Matt', 'Mary', 'Devon', 'Mohan']
> people.slice(2,0);
< ▶ []
> people;
< ▶ (4) ['Matt', 'Mary', 'Devon', 'Mohan']
> people.slice(20;
✖ Uncaught SyntaxError: missing ) after argument list
> people.slice(2);
< ▶ (2) ['Devon', 'Mohan']
> people;
< ▶ (4) ['Matt', 'Mary', 'Devon', 'Mohan']
> people.indexOf("Mary");
< 1
> people.indexOf("Foo");
< -1
```

The error message "Uncaught SyntaxError: missing) after argument list" is highlighted in red, indicating a syntax error in the `people.slice(20;` line.

The bottom of the browser window shows the Google logo, a search bar, and the system clock displaying 12:46 PM on 11/7/2022.

