

SDE TASK-3

OUTPUTS

1.

```
File | C:/Users/Admin/Desktop/VS%20CODE/Array/1.PracticeFile.html
273.15,42
273.15,42,hello
273.15,42,hello,false,-4.6,87
```

2.

```
File | C:/Users/Admin/Desktop/VS%20CODE/Array/2.cargoHold.html
Replace slinky to space tether
oxygen tanks,space suits,parrot,instruction manual,meal packs,space tether,security blanket
Remove last Element using pop
oxygen tanks,space suits,parrot,instruction manual,meal packs,space tether
Remove first Element using shift
space suits,parrot,instruction manual,meal packs,space tether
Unshift and Push
1138,space suits,parrot,instruction manual,meal packs,space tether,20 meters
Template Array and Array Length:
Final Array :1138,space suits,parrot,instruction manual,meal packs,space tether,20 meters
Array Length:7
```

3.

```
File | C:/Users/Admin/Desktop/VS%20CODE/Array/3.Splice.html
Splice
Insert:
1138,space suits,parrot,keys,instruction manual,meal packs,space tether,20 meters
Remove:
1138,space suits,parrot,keys,meal packs,space tether,20 meters
Replace:
1138,space suits,cat,fob,string cheese,space tether,20 meters
```

4.

```
<  →  ↻  ⓘ  File | C:/Users/Admin/Desktop/VS%20CODE/Array/4.holdCabinet.html  ↗  ☆  📱  H  ⋮

Concatted Array

duct tape,gum,3.14,false,6.022e23,orange drink,nerf toys,camera,42,parsnip

Slice two Array

gum,3.14,nerf toys,camera

Reverse Array1

6.022e23,false,3.14,gum,duct tape

Sort Array2

42,camera,nerf toys,orange drink,parsnip
```

5.

```
<  →  ↻  ⓘ  File | C:/Users/Admin/Desktop/VS%20CODE/Array/5.Split.html  ↗  ☆  📱  H  ⋮

Split

str.split():In space, no one can hear you code.
str.split(e):In spac,, no on, can h.ar you cod,.
str.split(' '):In.space,,no,one,can,hear,you,code.
str.split(""):Ln ,s,p,a,c,e,,, n,o ,o,n,e ,c,a,n ,h,e,a,r ,y,o,u ,c,o,d,e,.

Join

arr.join():B,n,n,5
arr.join('a'):Banana5
arr.join(""):Bnn5
arr.join(' '):B n n 5

Alphabetize

s.split("):w,a,t,e,r,,s,p,a,c,e ,s,u,i,t,s,,,f,o,o,d,,,p,l,a,s,m,a ,s,w,o,r,d,,,b,a,t,t,e,r,i,e,s
s.split():water,space suits,food,plasma sword,batteries
```

6.

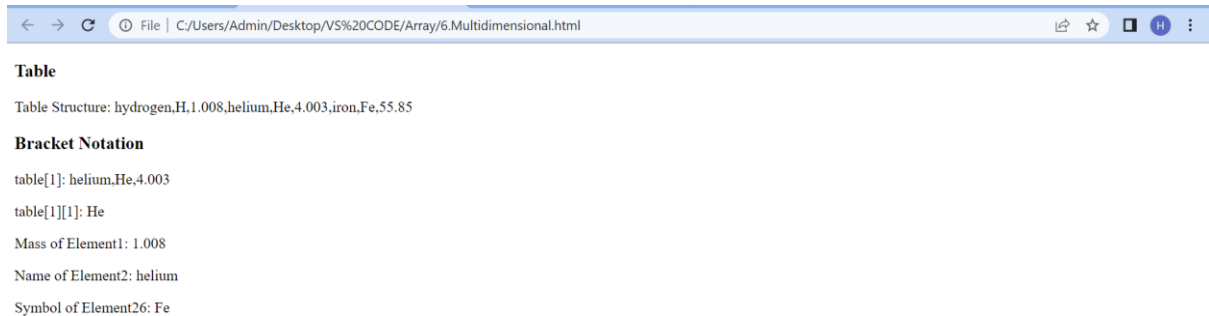


Table Structure: hydrogen,H,1.008,helium,He,4.003,iron,Fe,55.85

Bracket Notation

table[1]: helium,He,4.003

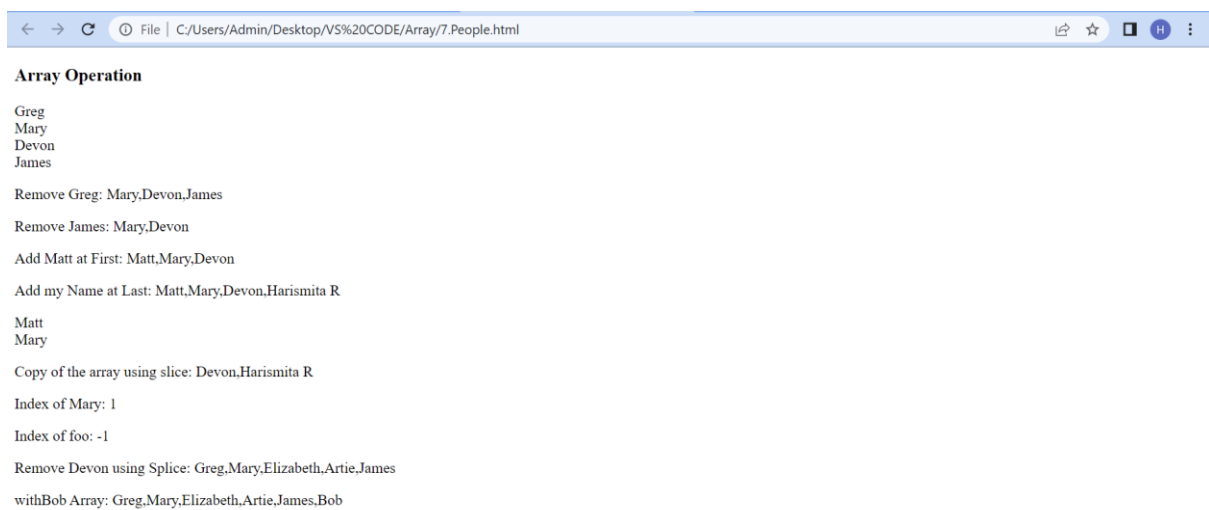
table[1][1]: He

Mass of Element1: 1.008

Name of Element2: helium

Symbol of Element26: Fe

7.



Array Operation

Greg
Mary
Devon
James

Remove Greg: Mary,Devon,James

Remove James: Mary,Devon

Add Matt at First: Matt,Mary,Devon

Add my Name at Last: Matt,Mary,Devon,Harismita R

Matt
Mary

Copy of the array using slice: Devon,Harismita R

Index of Mary: 1

Index of foo: -1

Remove Devon using Splice: Greg,Mary,Elizabeth,Artie,James

withBob Array: Greg,Mary,Elizabeth,Artie,James,Bob