SDE TASK 3

OUTPUTS

1)

SDE TASK i)

273.15,42

273.15,42,hello

273.15,42,hello,false,-4.6,87

2)

SDE TASK 3 ii)

Array :oxygen tanks,space suits,parrot,instrument manual,meal packs,space tether,security blanket

Popped Element :security blanket

Array :oxygen tanks,space suits,parrot,instrument manual,meal packs,space tether

Array :space suits,parrot,instrument manual,meal packs,space tether

Array :1138,space suits,parrot,instrument manual,meal packs,space tether,20 meters

Final Array : 1138,space suits,parrot,instrument manual,meal packs,space tether,20 meters Array Length :7

3)

SDE TASK 3 iii)

Array :1138,space suits,parrot,keys,instrument manual,meal packs,space tether,20 meters

Array :1138,space suits,parrot,keys,meal packs,space tether,20 meters

Array :1138,space suits,cat,fob,string cheese,space tether,20 meters

4)

SDE TASK iv)

Concatted Array :duct,gum,3.14,false,6.022e+23,orange drink,nerf toys,camera,42,parsnip

Slice of two Arrays :duct,gum,orange drink,nerf toys

Reverse of Arrays1 :6.022e+23,false,3.14,gum,duct

Sorted Arrays2 :42,camera,nerf toys,orange drink,parsnip

5)

SDE TASK v)

a)

str.split() :In space, no one can hear you code.

str.split(e):In spac,, no on, can h,ar you cod,.

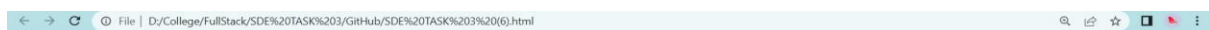**b)**

arr.join() :B,n,n,5

arr.join('a'):Banana5

c)

ALPHABETS: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

water,space suits,food,plasma sword,batteries

6)

SDE TASK vi)

a)Elements reated and pushed into Table

b)

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

c)

Table[1] : helium,He,4.003

Table[1][1] : He

d)

Mass of element 1 : 1.008

Name of element 2 : helium

Symbol of element 3 : Fe

7)

SDE TASK vii)

1)

Greg
Mary
Devon
James

2)

Mary,Devon,James

3)

Mary,Devon

4)

Matt,Mary,Devon

5)

Matt,Mary,Devon,Manoj Kumar G

6)

Matt
Mary

7)

Devon,Manoj Kumar G

8)

Index of Mary : 1

9)

Index of Foo : -1

10)

Greg,Mary,Elizabeth,Artie,James,James

11)

Greg,Mary,Elizabeth,Artie,James,James,Bob