

AIM:**ARRAY OPERATION**

[A]: Take a number from user and write a program to search a specific number is present or not.

PROGRAM:

```
#include<stdio.h>

int main()
{
    int arr[10], i ,num;
    int found=0;
    printf("enter array elements\n");
    for(i=0;i<10;i++)
    {
        scanf("%d",&arr[i]);
    }
    printf("enter the no. of choice");
    scanf("%d",&num);
    for(i=0;i<10;i++)
    {
        if(num==arr[i])
        {
            printf("The no %d is present in the array",num);
            found=found + 1;
            break;
        }
    }
    if(found==0)
    {
        printf("The no not found");
    }

    return 0;}
```

OUTPUT

```

PS C:\Users\chuna> cd "c:\Users\chuna\" ; if ($?) { g++ TESTING.C -o TESTING } ; if ($?) { .\TESTING }
enter array elements
1
2
3
4
5
6
7
8
9
10
enter the no. of choice6
The no 6 is present in the array
PS C:\Users\chuna>

```

[B] : Create an array of any size, write a program to update or modify some element from array.

PROGRAM :

```

#include<stdio.h>

int main()
{
    int i,t,a[10],n,m,s,j=0,b[10];
    printf("\nEnter the Limit:");
    scanf("%d",&n);
    printf("\nEnter the Values:");
    for(i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
    }
    printf("\nGiven values are:");
    for(i=0;i<n;i++)
    {
        printf("a[%d]=%d",i,a[i]);
    }
}

```

```

}

printf("\nEnter the position to be update:");

scanf("%d",&t);

printf("\nEnter the value to be update:");

scanf("%d",&s);

for(i=0;i<n;i++)

{

    if(i==t)

    {

        a[i]=s;

    }

}

printf("\nUpdated value is:");

for(i=0;i<n;i++)

{

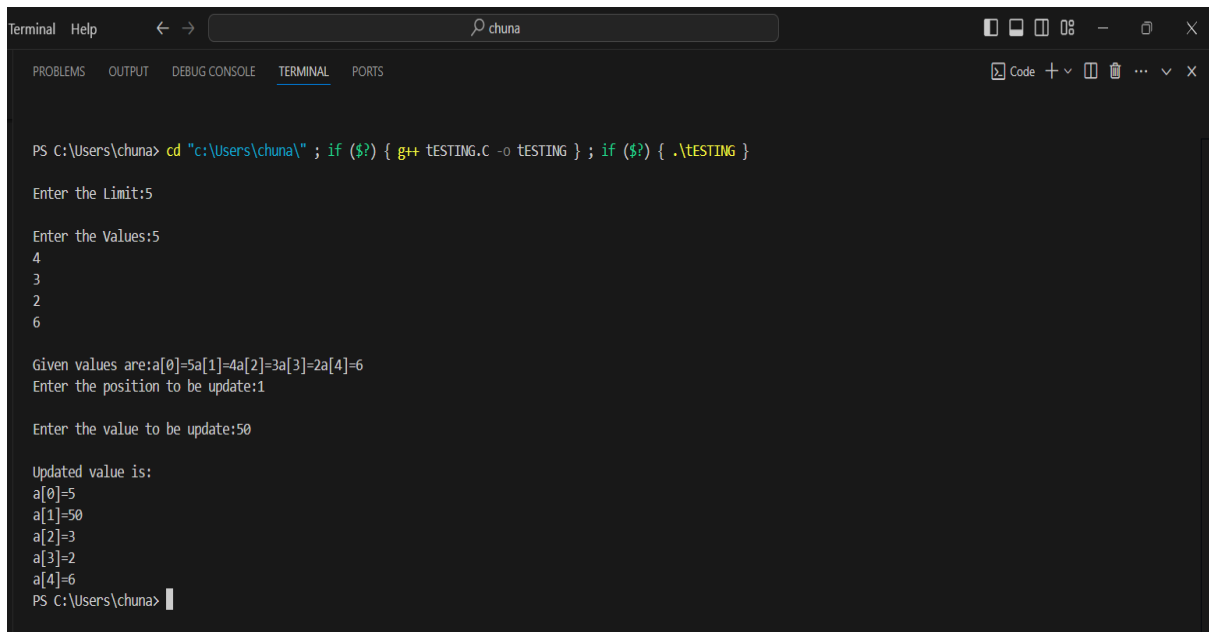
    printf("\na[%d]=%d",i,a[i]);

};

return 0;}

```

OUTPUT



```

Terminal Help  ← →  chuna

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
Code + -  [Icons] ... v x

PS C:\Users\chuna> cd "c:\Users\chuna\" ; if ($?) { g++ TESTING.C -o TESTING } ; if ($?) { .\TESTING }

Enter the Limit:5

Enter the Values:5
4
3
2
6

Given values are:a[0]=5a[1]=4a[2]=3a[3]=2a[4]=6
Enter the position to be update:1

Enter the value to be update:50

Updated value is:
a[0]=5
a[1]=50
a[2]=3
a[3]=2
a[4]=6
PS C:\Users\chuna>

```

GITHUB LINK FOR PRACTICAL :

https://github.com/Nishikant-Chunarkar/DATA_STRUCTURE_PRACTICAL