DS PRACTICAL 01

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;}
```

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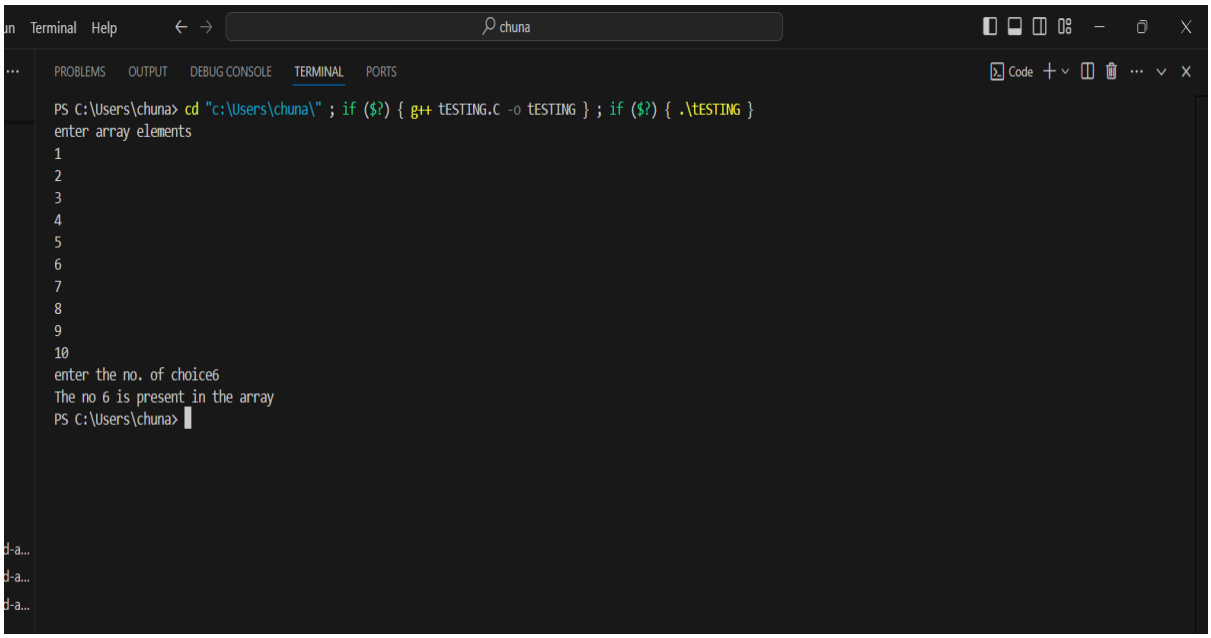
OUTPUT



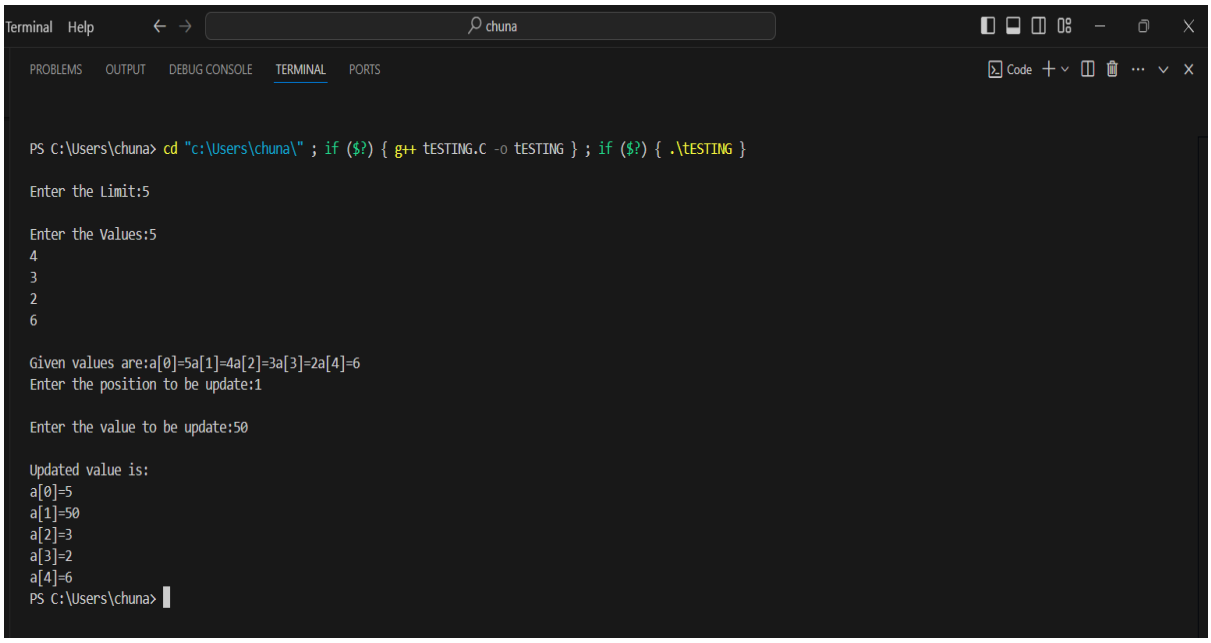
[B] : Create an array of any size, write a program to update or modify some element from array.

PROGRAAM :

```
#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



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GITHUB LINK FOR PRACTICAL :

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