DSA Practical No – 1

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

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

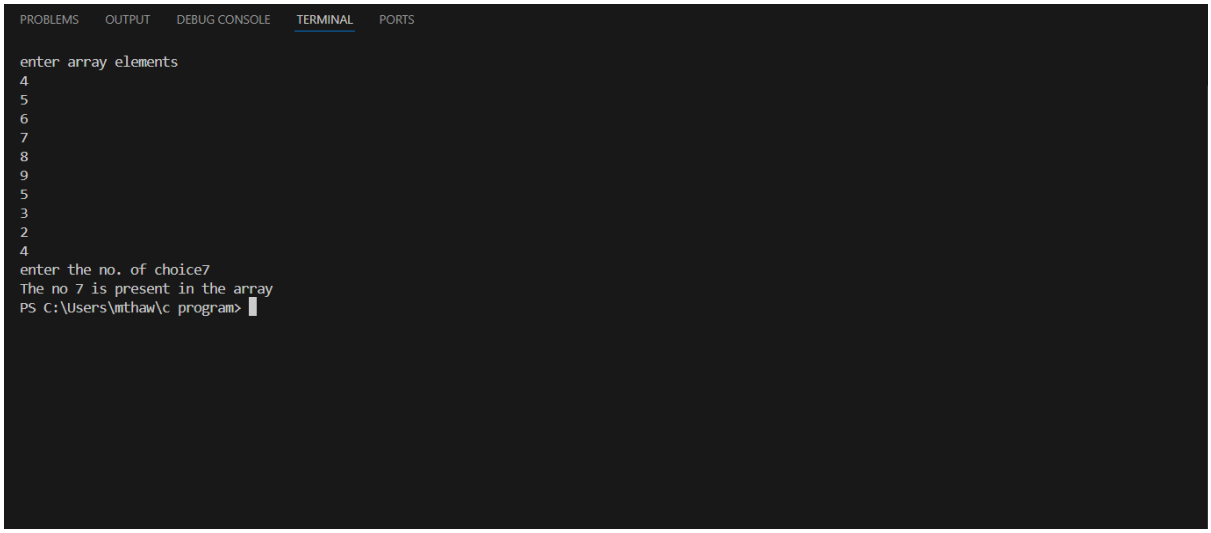
Program:

[A]

```
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:



[B]

```
#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:

Github link : https://github.com/MayurThaware122/DSA