

1.WAP to read n elements into an array and find the search number?

100	200	300	400	500
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flag=0

1

sno

400
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### Program

```
#include <stdio.h>
void main()
{
    int sno,n,i,a[100],flag=0;
    printf("Enter Array Size:",n);
    scanf("%d",&n);

    printf("Enter %d Elements:",n);
    for(i=0;i<n;i++)
        scanf("%d",&a[i]);

    printf("Enter a Search Number:");
    scanf("%d",&sno);

    for(i=0;i<n;i++){
        if(sno==a[i])
            flag=1;
    }
    if(flag==1){
        printf("Search Number Was Found",sno);
    }
    else
        printf("Element Was Not Found");
}
```

2.WAP to read n elements into array A and B and find the sum of it and put it in array C

### Program

```
#include <stdio.h>
void main()
{
    int a[100],b[100],c[100],i,n;
    printf("Enter Array Size:",n);
    scanf("%d",&n);

    printf("Enter %d Elements Into Array A:",n);
    for(i=0;i<n;i++)
        scanf("%d",&a[i]);

    printf("Enter %d Elements Into Array B:",n);
    for(i=0;i<n;i++)
```

```
scanf("%d",&b[i]);

for(i=0;i<n;i++)
c[i]=a[i]+b[i];

for(i=0;i<n;i++)
printf("\nSum of Array is=%d",c[i]);

}
```