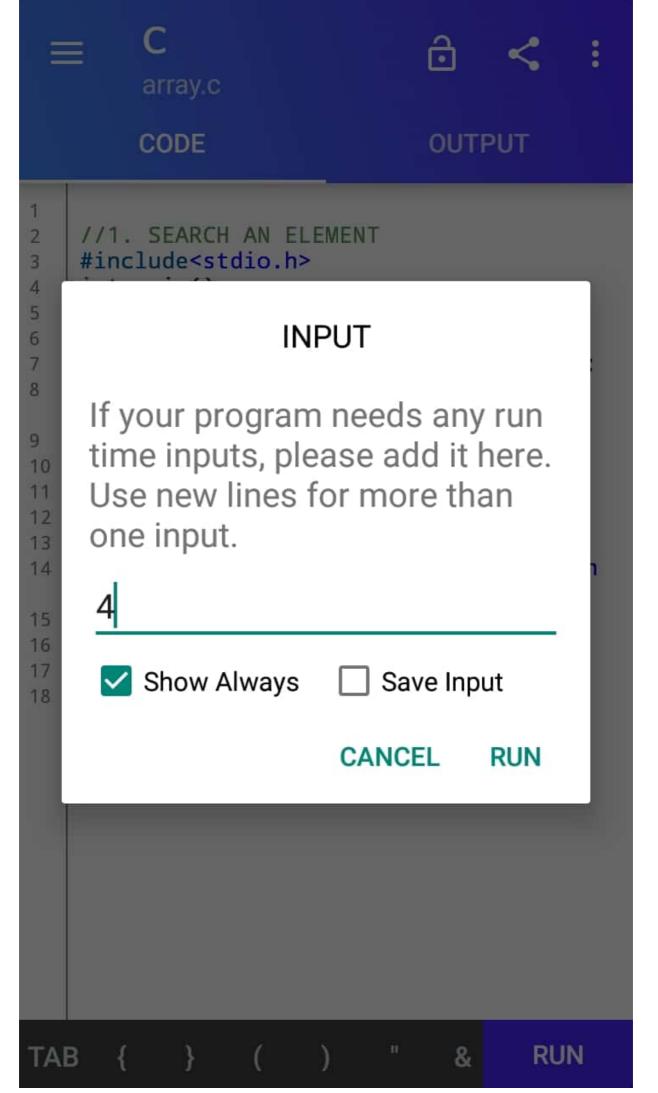






```
1
    //1. SEARCH AN ELEMENT
2
    #include<stdio.h>
3
    int main()
4
5
    {
         int i,n;
6
         int ary[10] = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 0\};
7
         printf("Enter the number to.
8
         find :");
         scanf("%d",&n);
9
         for(i=0;i<=9;i++)
10
         {
11
             if(ary[i]==n)
12
13
             printf("\nNumber identified in
14
                array %d",i+1);
             }
15
         }
16
    }
17
18
```



	С	
	array.c	
	CODE	OUTPUT

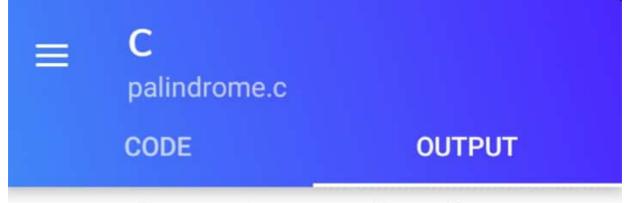
Enter the number to.
find :
Number identified in array 4



23



```
//4. PALINDROME
    #include<stdio.h>
2
     int main()
3
    {
4
        int n,r,sum=0,temp;
5
        printf("Enter the number:");
6
        scanf("%d",&n);
7
        temp=n;
8
        while(n>0)
9
        {
10
             r=n%10;
11
             sum=sum*10+r;
12
             n=n/10;
13
        }
14
15
        n=temp;
16
        if(n==sum)
17
             printf("Number is Palindrome");
18
        else
19
             printf("Number is not
20
    Palindrome");
    }
21
22
```



Enter the number:Number is Palindrome







```
DELETE DUPLICATE NUMBER
1
    #include<stdio.h>
2
    int main()
3
4
    {
         int i,j,n,size,k;
5
         size=13;
6
         int
7
    ary[13] = \{1,2,3,3,4,5,6,7,7,2,8,9,0\};
         for(i=0;i<=size;i++)</pre>
8
         {
9
              for(j=i+1; j<=size; j++)
10
11
                   if(ary[i]==ary[j])
12
13
                        for(k=j;k<size;k++)</pre>
14
                        {
15
                            ary[k]=ary[k+1];
16
17
                   size--;
18
19
20
21
              }
22
23
24
         for(i=0;i<=size;i++)
25
26
              printf("%d\t",ary[i]);
27
         }
28
    }
29
30
31
```

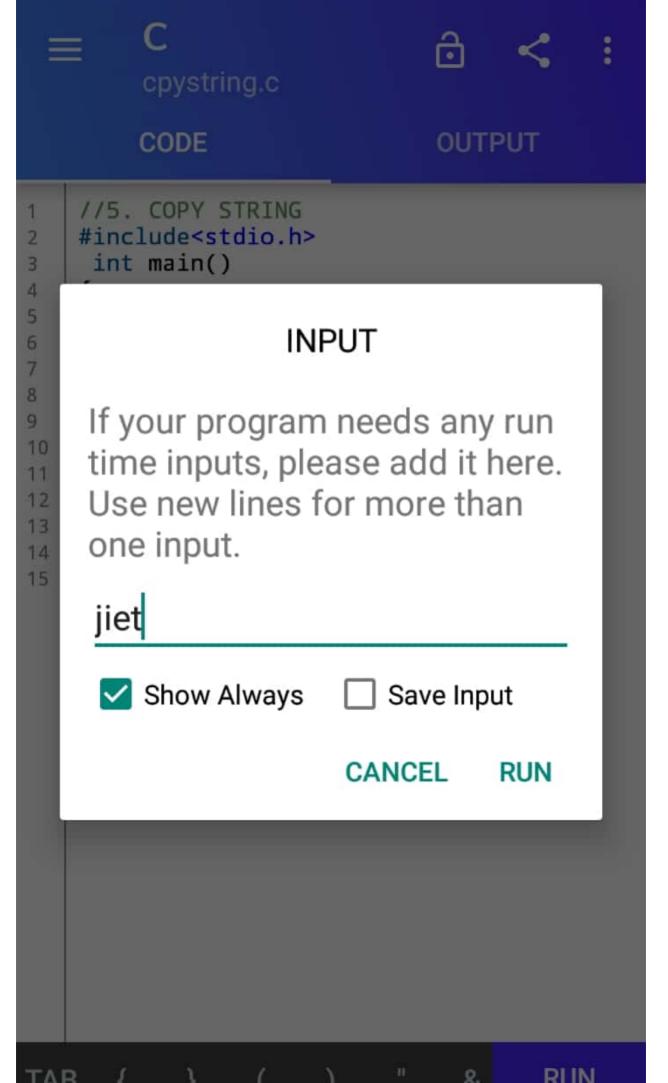


1 2 3 4 5 6 7 8 9 0





```
//5. COPY STRING
1
    #include<stdio.h>
2
     int main()
3
    {
4
        char a[20],b[20];
5
        int i;
6
        printf("Enter the string:");
7
        scanf("%s",a);
8
9
        for(i=0;a[i]!='\0';i++)
10
            b[i]=a[i];
11
12
        b[i]='\0';
13
        printf("\nAfter copy =%s",b);
14
15
    }
```



```
    □ C cpystring.c
    CODE OUTPUT
```

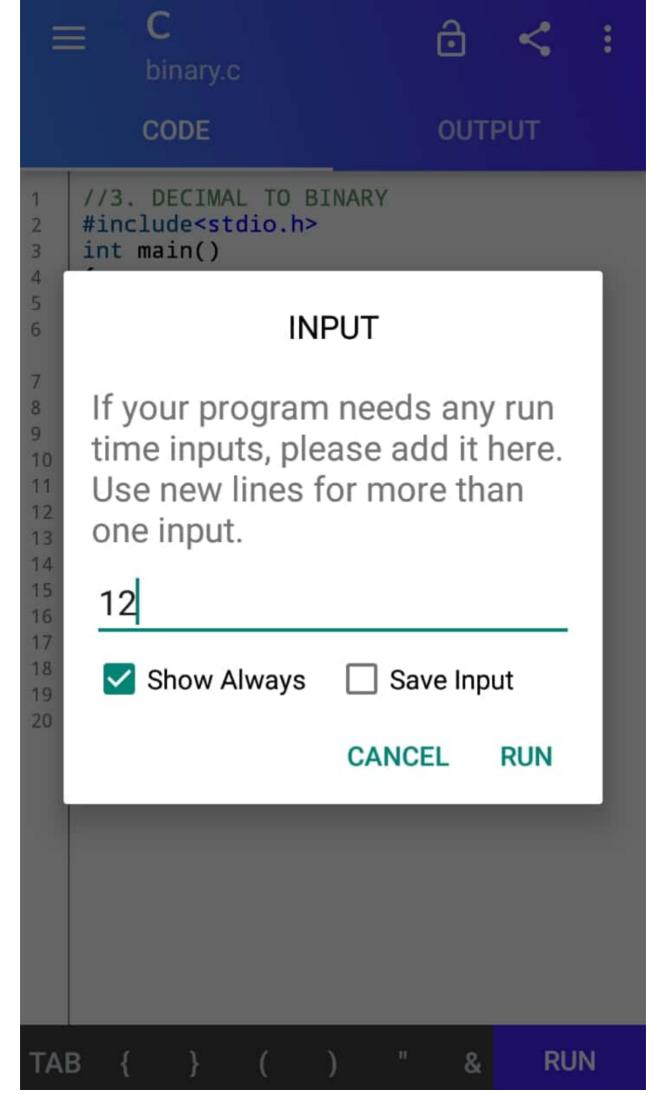
Enter the string: After copy =jiet







```
//3. DECIMAL TO BINARY
1
    #include<stdio.h>
2
    int main()
3
4
    {
        int num, i=0, arr[100], j;
5
        printf("Enter the decimal.
6
        number:");
        scanf("%d",&num);
7
        while(num>0)
8
         {
9
             arr[i]=num%2;
10
             num=num/2;
11
             i++;
12
13
    printf("Binary number is:");
14
15
    for(j=i-1; j>=0; j--)
16
        printf("%d",arr[j]);
17
    }
18
19
20
```





Enter the decimal. number:Binary number is:1100