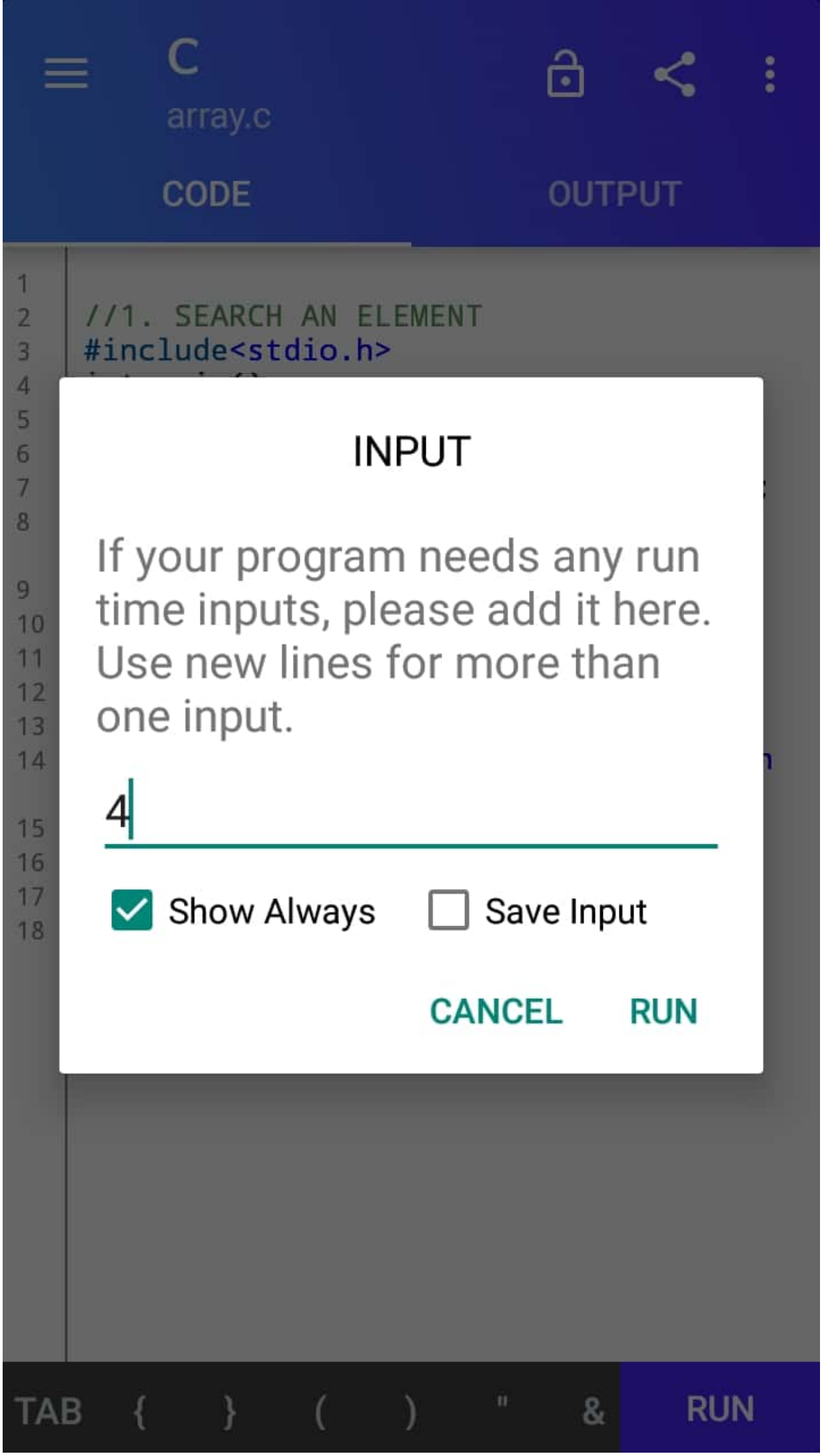
C

array.c

```c

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

```



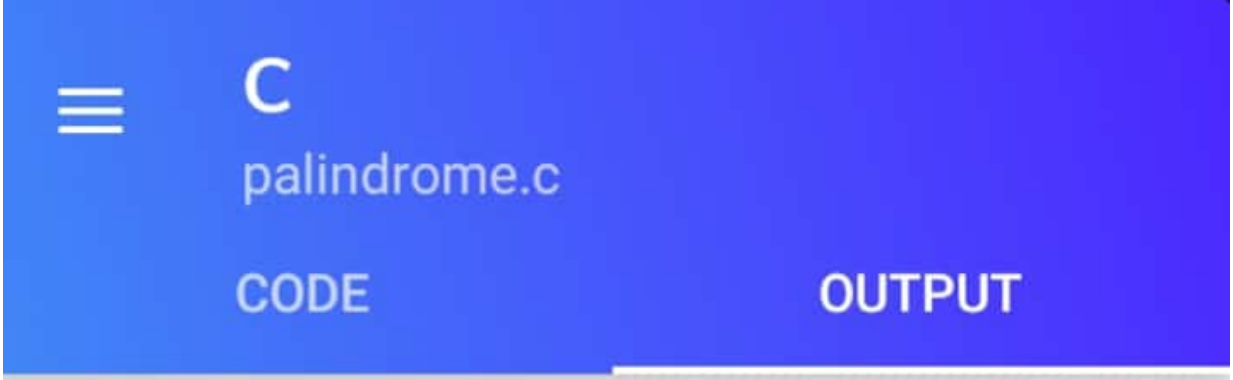

```
Enter the number to.
find :
Number identified in      array 4
```

C

palindrome.c

```c
//4. PALINDROME
#include<stdio.h>
 int main()
{
    int n,r,sum=0,temp;
    printf("Enter the number:");
    scanf("%d",&n);
    temp=n;
    while(n>0)
    {
        r=n%10;
        sum=sum*10+r;
        n=n/10;
    }

    n=temp;
    if(n==sum)
        printf("Number is Palindrome");
    else
        printf("Number is not
Palindrome");
}
```




```
Enter the number:Number is
Palindrome
```

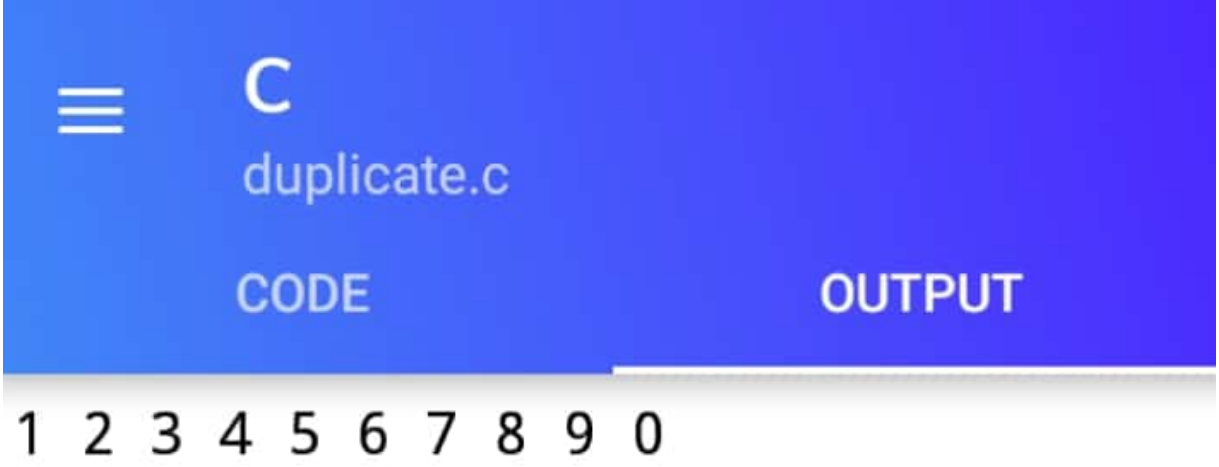
C

duplicate.c

```c
//2. DELETE DUPLICATE NUMBER
#include<stdio.h>
int main()
{
    int i,j,n,size,k;
    size=13;
    int
ary[13]={1,2,3,3,4,5,6,7,7,2,8,9,0};
    for(i=0;i<=size;i++)
    {
        for(j=i+1;j<=size;j++)
        {
            if(ary[i]==ary[j])
            {
                for(k=j;k<size;k++)
                {
                    ary[k]=ary[k+1];
                }
            size--;
            j--;
            }

        }

    }
    for(i=0;i<=size;i++)
    {
        printf("%d\t",ary[i]);
    }
}
```



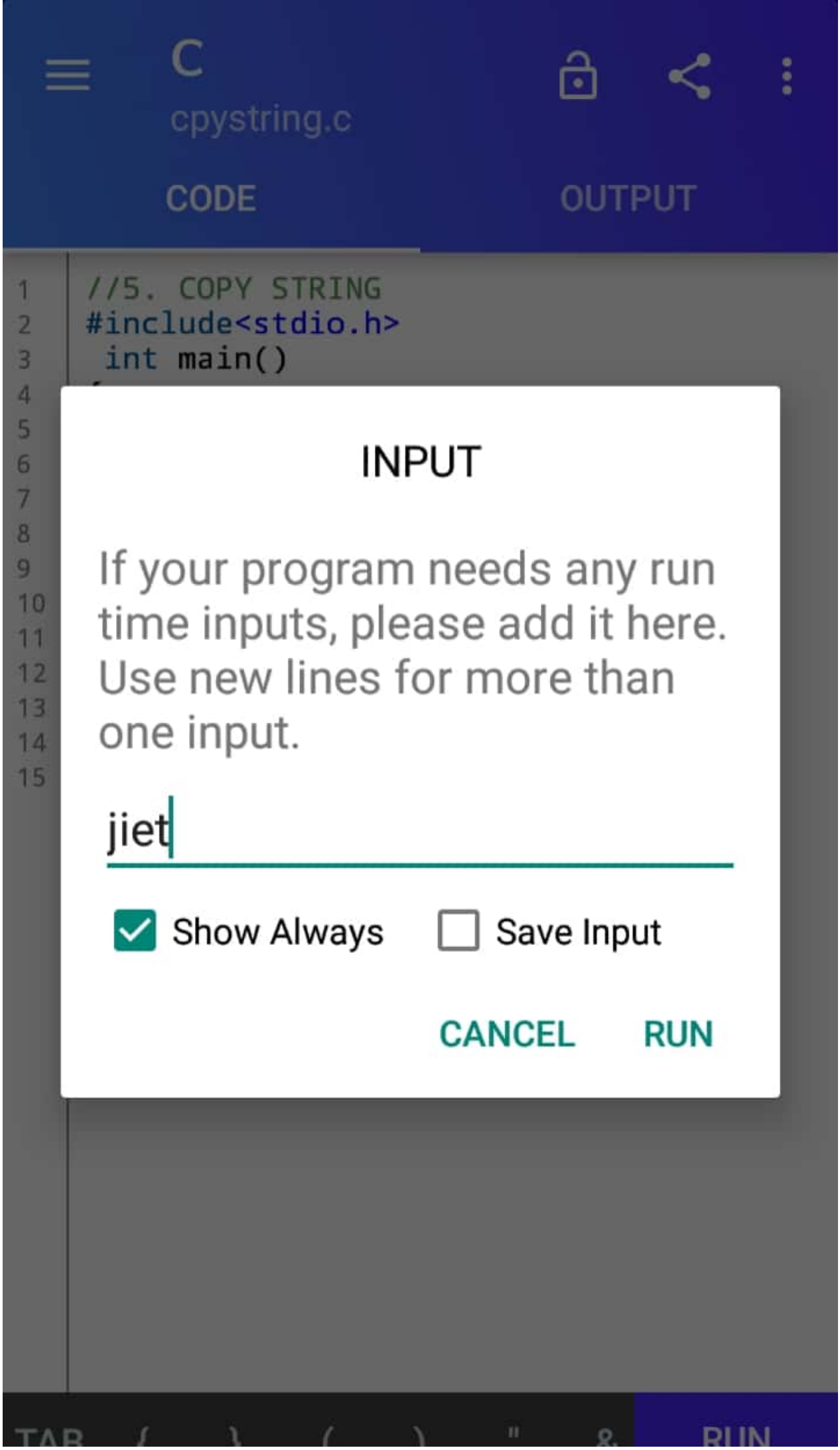
C

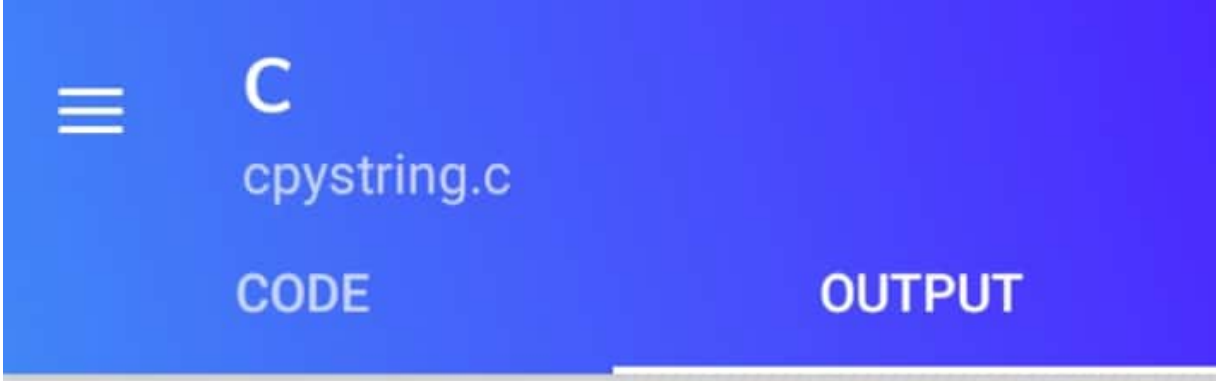
cpystring.c

```c
//5. COPY STRING
#include<stdio.h>
 int main()
{
    char a[20],b[20];
    int i;
    printf("Enter the string:");
    scanf("%s",a);

    for(i=0;a[i]!='\0';i++)
        b[i]=a[i];

    b[i]='\0';
    printf("\nAfter copy =%s",b);
}
```





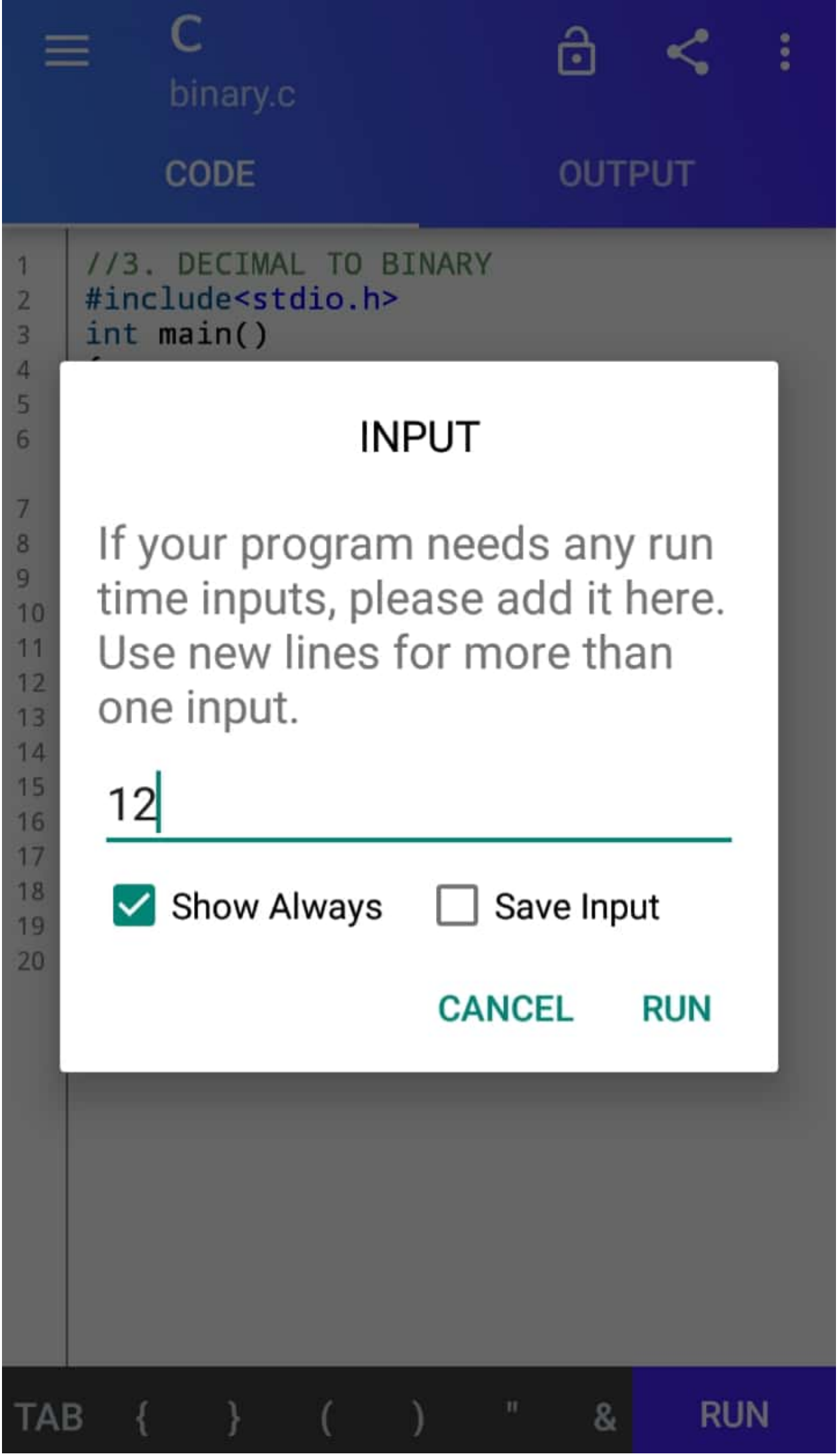

```
Enter the string:
After copy =jiet
```

C

binary.c

```c
//3. DECIMAL TO BINARY
#include<stdio.h>
int main()
{
    int num,i=0,arr[100],j;
    printf("Enter the decimal.
    number:");
    scanf("%d",&num);
    while(num>0)
    {
        arr[i]=num%2;
        num=num/2;
        i++;
    }
printf("Binary number is:");

for(j=i-1;j>=0;j--)
    printf("%d",arr[j]);
}
```




```
Enter the decimal.
number:Binary number is:1100
```