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5.c 2.c a1.c

```
1 #include <stdio.h>
2 void main () {
3
4     int arr [10]; int x ,flag=0;
5     for (int i = 1; i <= 10; i++) {
6         printf("Enter Number %d : ",i);
7         scanf (" %d",&arr[i]);
8     }
9
10    printf ("Enter the value to search ");
11    scanf (" %d",&x);
12    for (int i = 1; i <= 10; i++) {
13        if (x == arr[i]){
14            printf ("Value is exist at element number %d", i);
15            flag = 1;
16            break;
17        }
18    }
19
20    if (flag == 0){
21        printf ("No Exist");
22    }
23
24
25
26
27 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc a1.c -o a1.exe
PS C:\Users\pc\Documents\C (notepad)> ./a1.exe
Enter Number 1 : 1
Enter Number 2 : 2
Enter Number 3 : 3
Enter Number 4 : 4
Enter Number 5 : 5
Enter Number 6 : 6
Enter Number 7 : 7
Enter Number 8 : 8
Enter Number 9 : 9
Enter Number 10 : 10
Enter the value to search 5
Value is exist at element number 5
PS C:\Users\pc\Documents\C (notepad)>
```

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5.c x 2.c x a1.c x a2.c x a3.c x

```
1 #include <stdio.h>
2
3 int main () {
4
5     int id ;
6     int password;
7     printf ("Please Enter Your ID : ");
8     scanf ("%d", &id);
9
10    if (id == 1000){
11        printf ("Please Enter Your PassWord :");
12        scanf("%s", &password);
13        if (password == 1234){
14            printf ("User name is : Salma");
15        }
16        else {
17            printf ("Incorrect Password");
18        }
19    }
20    else {
21        printf ("Incorrect ID");
22    }
23
24 }
```

## Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc a3.c -o a3.exe
PS C:\Users\pc\Documents\C (notepad)> ./a3.exe
Please Enter Your ID : 1000
Please Enter Your Password :1111
Incorrect Password
PS C:\Users\pc\Documents\C (notepad)>
```

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5.c x 2.c x a1.c x a2.c x

```
1 #include <stdio.h>
2 int main () {
3     int x, y, z;
4     printf ("Enter Number 1 : ");
5     scanf ("%d", &x);
6     printf ("Enter Number 2 : ");
7     scanf ("%d", &y);
8     printf ("Enter Number 3 : ");
9     scanf ("%d", &z);
10
11
12 if (x >= y && x >= z) {
13     printf ("Maximum Number is : %d", x);
14 }
15 else if (y >= x && y >= z) {
16     printf ("Maximum Number is : %d", y);
17 }
18 else if (z >= x && z >= y) {
19     printf ("Maximum Number is : %d", z);
20 }
21
22
23 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc a2.c -o a2.exe
PS C:\Users\pc\Documents\C (notepad)> ./a2.exe
Enter Number 1 : 5
Enter Number 2 : 3
Enter Number 3 : 9
Maximum Number is : 9
PS C:\Users\pc\Documents\C (notepad)>
```