Objective-To find intersection of two sets input as array.

#include <stdio.h>

#include<conio.h>

int main()

{ clrscr();

int a[10], b[10], flag = 0, n1, n2, i, j;

printf("Enter array1 size : ");

scanf("%d",&n1);

printf("\nEnter array2 size : ");

scanf("%d",&n2);

printf("\nEnter array1 element : ");

for(i = 0;i < n1;i++)

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

printf("\nEnter array2 element : ");

for(i = 0;i < n2;i++)

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

printf("Intersection: ");

for(i = 0;i < n1;i++)

{ int flag=0;

for(j = 0;j < n2;j++)

{

if(a[i] == b[j])

{

flag = 1;

break;

}

}

if(flag == 1)

{

printf("%d\t ", a[i]);

}

flag = 0;

}

getch();

return 0;

}