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#include<stdio.h>

int main()

{

int a[7],i,key,flag=0;

for ( i = 0; i < 7; i++)

{

printf("Enter a[%d]:",i );

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

}

printf("Enter the value you want to search:");

scanf("%d",&key);

for ( i = 0; i < 7; i++)

{

if(key==a[i])

{

printf("Key found and index is : %d\n",i );

flag=1;

}

}

if(flag==0)

{

printf("Key not found...");

}

}