**Objective- To find difference of two sets input as array.**

#include<stdio.h>

#include<conio.h>

#define max 100

int ifexists(int z[], int u, int v)

{

int i;

if (u==0) return 0;

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

if (z[i]==v) return (1);

return (0);

}

int main()

{ clrscr();

int p[max], q[max], r[max];

int m,n;

int i,j,k;

printf("Enter length of first array:");

scanf("%d",&m);

printf("Enter %d elements of first array\n",m);

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

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

printf("\nEnter length of second array:");

scanf("%d",&n);

printf("Enter %d elements of second array\n",n);

for(i=0;i<n;i++ ) scanf("%d",&q[i]);

k=0;

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

{

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

{

if (p[i]==q[j])

{ break;

}

}

if(j==n)

{

if(!ifexists(r,k,p[i]))

{

r[k]=p[i];

k++;

}

}

}

printf("\nThe difference of the two array is:\n");

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

printf("%d\n",r[i]);

getch();

return 0;

}