

Q: Merging and then deleting the 4th position elements of merging

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#include<stdio.h>
#include<conio.h>
void main()
{
    int a[50], b[50], c[50], d[50], g, h, item, m, n, i, j, k;
    clrscr();
    printf("Enter the terms of A\n");
    scanf("%d",&m);
    printf("Enter the terms of B\n");
    scanf("%d",&n);
    printf("Enter the elements of A\n");
    for(i=1;i<=m;i++)
    {
        scanf("%d",&a[i]);
    }
    printf("Enter the elements of B\n");
    for(j=1;j<=n;j++)
    {
        scanf("%d",&b[j]);
    }
    i=j=k=1;
    while(i<=m && j<=n)
    {
        if(a[i]<b[j])
        {
            c[k]=a[i];
            i=i+1;
        }
        else
        {
            c[k]=b[j];
            j=j+1;
        }
        k=k+1;
    }
    if(i>m)
    {
        while(j<=n)
        {
            c[k]=b[j];
            j=j+1;
            k=k+1;
        }
    }
    else
    {

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        while(i<=m)
        {
            c[k]=a[i];
            i=i+1;
            k=k+1;
        }
    }

    printf("The merging elements are\n");
    for(k=1;k<=m+n;k++)
    {
        printf("%d\t",c[k]);
    }
    printf("\nEnter the position of the elements to be deleted\n");
    scanf("%d",&h);

    g=m+n;
    g=g-1;
    c[h]=item;
    while(h<=g)
    {
        c[h]=c[h+1];
        h=h+1;
    }
    printf("The resultant are\n");
    for(k=1;k<=m+n-1;k++)
    {
        printf("%d\t",c[k]);
    }
}

```