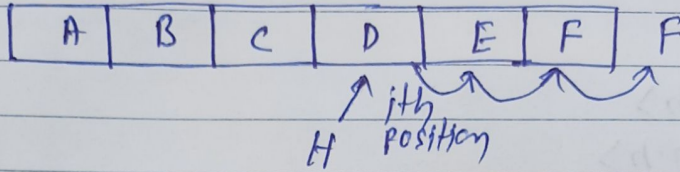


26. Write a program to insert a new element at any given position in an array.



Appointments Meetings

```
#include <stdio.h>
#include <conio.h>
void main()
{
  int i, j, k, n, pos;
  int a[100], item;
  printf("Input the size of the array");
  scanf("%d", &n);
  for(i=0; i<n; i++)
    scanf("%d", &a[i]);
  printf("Input the position, item to be inserted\n");
  scanf("%d %d", &pos, &item);
  n++;
  for(k=n; k >= pos; k--)
    a[k] = a[k-1];
  a[pos] = item;
  for(i=0; i<n; i++)
    printf("%d", a[i]);
}

```

Delete an element

```
for(i=1; i<n; i++)
  scanf("%d", &a[i]);
for(i=pos; i<=n; i++)
  a[i] = a[i+1];

```