INSERT UNSORTED

```c
  /****    Program to Insert an Element into an Unsorted Array    ****/

#include <stdio.h>

void insert_unsorted();
int a[50], n, loc, item;

main()
{
     int i;

     printf("\nEnter size of an array: ");
     scanf("%d", &n);

     printf("\nEnter elements of an array:\n");
     for(i=0; i<n; i++)
          scanf("%d", &a[i]);

     printf("\nEnter location of insertion: ");
     scanf("%d", &loc);

     printf("\nEnter ITEM to insert: ");
     scanf("%d", &item);

     insert_unsorted();

     printf("\n\nAfter insertion:\n");
     for(i=0; i<n; i++)
          printf("\n%d", a[i]);
     getch();
}

void insert_unsorted()
{
     int i=n-1;

     while(i>=loc-1)
     {
          a[i+1] = a[i];
          i--;
     }
     a[loc-1] = item;
     n++;
}
```