Rakshith K

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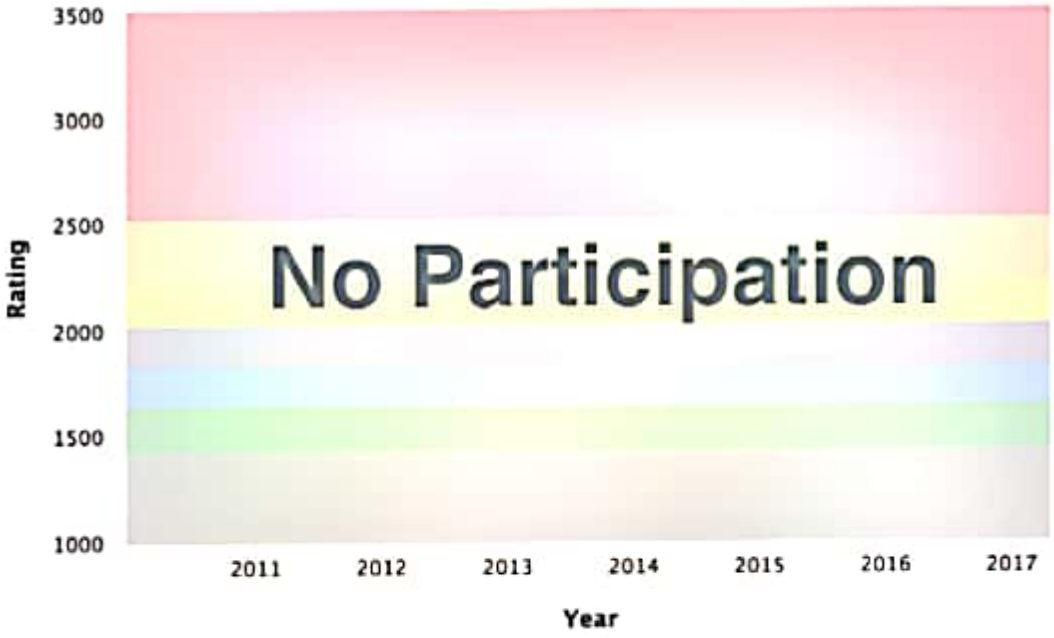
Teams List:	List of teams by Rakshith K
Team Invites:	Click here to check team invites. 0

Rating Graphs

CodeChef | Long Challenge | Cook Off | Lunch Time



CodeChef Rating Distribution

```
#include<stdio.h>
int main()
{
    int n,a[10],i,pos,ele;
    char ch;
    printf("Enter the size of array\n");
    scanf("%d",&n);
    printf("%d\n",n);
    printf("Enter the elements of array\n");
    for(i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
        printf("%d\t",a[i]);
    }
    printf("\nThe array elements are \n");
    for(i=0;i<n;i++)
    {
        printf("%d\t",a[i]);
    }
    printf("\nEnter the choice\n 1 for insertion \t 2 for deletion\n");
    scanf(" %c",&ch);
    printf(" %c\n",ch);
    switch(ch)
    {
      case '1': printf("Enter the postion where new element is inserted\n");
            scanf("%d",&pos);
             printf("%d\n",pos);
             printf("Enter the element to be inserted\n");
```



```
5
11 22 33 44 55
2
44
```



```
5
11 22 33 44 55
2
44
```



```
Enter the size of array
5
Enter the elements of array
11  22  33  44  55
The array elements are
11  22  33  44  55
Enter the choice
```

```
            printf("The array after insertion\n");
            for(i=0;i<n;i++)
            {
            scanf("%d",&a[i]);
            printf("%d\t",a[i]);
            }
            break;

    case '2':printf("Enter the position where element is deleted\n");
            scanf("%d",&pos);
            printf("%d\n",pos);
            printf("Enter the element to be deleted\n");
            scanf("%d",&ele);
            printf("%d\n",ele);
            ele=a[pos];
            for(i=pos;i<n-1;i++)
            {
                a[i]=a[i+1];
            }
            n--;
            printf("The array after deletion of element\n");
            for(i=0;i<n;i++)
            {
                printf("%d\t",a[i]);
            }
            break;
    default:printf("invalid choice");
    }
}
```

Custom Input

```
5
11 22 33 44 55
2
44
```

Status: Successfully executed Date: 2020-06-05 09:00:41 Time: 0 sec Mem: 15.232 kB

Input

```
5
11 22 33 44 55
2
44
```

Output

```
Enter the position where element is deleted
44
Enter the element to be deleted
0
The array after deletion of element
11  22  33  44
```

Algorithm:

Step 1: Start

Step 2: Input n

Step 3: Display enter array elements
for(i=0; i<n; i++)
input a[i]

Step 4: Enter the choice 1 for insertion 2 for deletion
input ch

Step 5: switch(ch)
case'1': Input pos, Ele.
for(i=n-1; i>=pos; i--)
a[i+1]=a[i]
a[pos]=Ele
n++
Display Array after insertion.
for(i=0; i<n; i++)
output a[i]
break.
case'2': Input pos, Ele.
Ele = a[pos]
for(i=pos; i<n-1; i++)
a[i]= a[i+1]
n--
Display array after deletion
for(i=0; i<n; i++)
output a[i]
break
default: Display invalid choice

Step 6: Stop

Flowchart