

>> Solution -1

```
#include<stdio.h>
struct person
{
    int age;
    float salary;
};
void display(struct person p)
{
    printf("Age = %d \n",p.age);
    printf("Salary = %.2f \n",p.salary);
}
int main()
{
    struct person p1,p2;
    p1.age=30;
    p1.salary=28000;
    display(p1);
    printf("\n");
    p2.age=35;
    p2.salary=50000;
    display(p2);
    return 0;
}
```

>> Solution - 2

```
#include<stdio.h>
struct phitronStudent
{
    char name[50],email[50],date[20];
    float marks;
};
struct phitronStudent heroes[3];
void display()
{
    for(int i=0; i<3; i++)
    {
        printf("\nInformation for hero %d \n",i+1);
        printf("Name = %s\n",heroes[i].name);
        printf("Email = %s\n",heroes[i].email);
        printf("Date = %s\n",heroes[i].date);
        printf("Marks = %.2f\n",(heroes[i].marks*0.9));
    }
    printf("\n");
}
int main()
{
    for(int i=0; i<3; i++)
    {
        printf("Enter information for hero %d :\n",i+1);
        printf("Enter name : ");
        fflush(stdin);
        gets(heroes[i].name);
        printf("Enter email : ");
        fflush(stdin);
        gets(heroes[i].email);
        printf("Enter date : ");
        fflush(stdin);
        gets(heroes[i].date);
        printf("Enter marks : ");
```

```
        scanf("%f",&heroes[i].marks);  
    }  
    printf("\n");  
    display();  
    return 0;  
}
```

>> Problem 3 Link - <https://codeforces.com/contest/1758/problem/A>

>> Solution -3

```
#include<stdio.h>
int main()
{
    int t;
    scanf("%d",&t);
    for(int i=1; i<=t; i++)
    {
        char s[200];
        scanf("%s",s);
        printf("%s",s);
        printf("%s\n",strrev(s));
    }
    return 0;
}
```

>> Problem 4 Link - <https://codeforces.com/contest/1736/problem/A>

>> Solution -4

```
#include<stdio.h>
int max(int a,int b)
{
    if(a>b)
        return a;
    return b;
}
int main()
{
    int t;
    scanf("%d",&t);
    for(int i=1; i<=t; i++)
    {
        int n,z1=0,z2=0,o1=0,o2=0;
        scanf("%d",&n);

        int a[n+1],b[n+1];
        for(int i=1; i<=n; i++)
        {
            int in;
            scanf("%d",&in);
            a[i]=in;
            if(in==0)
                z1++;
            else
                o1++;
        }
        for(int i=1; i<=n; i++)
        {
            int in;
```

```
scanf("%d",&in);
b[i]=in;
if(in==0)
    z2++;
else
    o2++;
}

int ans=0,res;

if(z1==z2 && o1==o2)
    ans=0;
else
    ans=max(z1-z2,o1-o2);

res=ans;

for(int i=1; i<=n; i++)
{
    if(a[i]!=b[i])
        res--;
}
if(res<0)
    printf("%d\n",ans+1);
else
    printf("%d\n",ans);
}
return 0;
}
```

