Maximum sum using the 4 elements would be (2+3+4+5=)14.

Minimum sum using the 4 elements would be (1+2+3+4=)10.

Difference will be 14-10=4.

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int t;
    scanf("%d0",&t);
    while(t--)
    {
        int n,m,d,min,temp;
        scanf("%d %d",&n,&m);
        d=n-m;
        int arr[n];
        for(int i=0;i<n;i++)
        scanf("%d",&arr[i]);
        for(int j=0;j<n;j++)
        {
            min=j;
            for(int k=j;k<n;k++)
            {
                if(arr[k]<arr[min])
                min=k;
            }
            temp=arr[min];
            arr[min]=arr[j];
            arr[j]=temp;
        }
        int maxsum=0,minsum=0;
        for(int a=0;a<d;a++)
        minsum+=arr[a];
        for(int b=n-1;b>m-1;b--)
        maxsum+=arr[b];
        printf("%d\n",maxsum-minsum);
    }
}
```

	Input	Expected	Got	
✓	1 5 1 1 2 3 4 5	4	4	✓

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int n,min1,min2,temp,flag=1;
    scanf("%d",&n);
    int vac[n],pat[n];
    for(int i=0;i<n;i++)
    scanf("%d",&vac[i]);
    for(int i=0;i<n;i++)
    scanf("%d",&pat[i]);
    for(int j=0;j<n-1;j++)
    {
        min1=j,min2=j;
        for(int k=j;k<n;k++)
        {
            if(vac[k]<vac[min1])
            min1=k;
            if(pat[k]<pat[min2])
            min2=k;
        }
        temp = vac[min1];
        vac[min1]=vac[j];
        vac[j]=temp;
        temp=pat[min2];
        pat[min2]=pat[j];
        pat[j]=temp;
    }
    for(int i=0;i<n;i++)
    {
        if(vac[i]<=pat[i])
        {
            flag=0;
            break;
        }
    }
    if(flag==1)
    printf("Yes");
    else
    printf("No");
}
```

	Input	Expected	Got	
✓	5 123 146 454 542 456 100 328 248 689 200	No	No	✓

Passed all tests! ✓

SAMPLE OUTPUT

2

Explanation

The 2 pair of indices are ***(1, 3)*** and ***(2,5)***.

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int n,count;
    scanf("%d",&n);
    int arr[n];
    for(int i=0;i<n;i++)
    scanf("%d",&arr[i]);
    for(int i=0;i<n-1;i++)
    {
        for(int j=i+1;j<n;j++)
        {
            if((arr[i]^arr[j])==0)
            count++;
        }
    }
    printf("%d",count);
}
```

	Input	Expected	Got	
✓	5 1 3 1 4 3	2	2	✓

Passed all tests! ✓