Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main(){
    int rn,n,nt=0,i=0;
    scanf("%d",&n);
    do{
        nt=n;rn=0;
        while(n!=0){
            rn=rn*10 + n%10;
            n/=10;
        }
        n=nt+rn;
        i++;
    }
    while(rn!=nt || i==1);
    printf("%d",rn);
    return 0;
}
```

	Input	Expected	Got	
✓	32	55	55	✓
✓	1234	5555	5555	✓

Passed all tests! ✓

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REC-CIS

```c
        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! ✓

Question **2**

Correct

Marked out of 1.00

Flag question

A new deadly virus has infected large population of a planet. A brilliant scientist has discovered a new strain of virus which can cure this disease. Vaccine produced from this virus has various strength depending on midichlorians count. A person is cured only if midichlorians count in vaccine batch is more than midichlorians count of person. A doctor receives a new set of report which contains midichlorians count of each infected patient. Practo stores all vaccine doctor has and their midichlorians count. You need to determine if doctor can save all patients with the vaccines he has. The number of vaccines and patients are equal.

Input Format

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    int arr[n];
    for(int i=0;i<n;i++)
    scanf("%d",&arr[i]);
    int max=arr[0];
    for(int i=1;i<n;i++)
    {
        if(arr[i]>max)
        max=arr[i];
    }
    max++;
    int min=0;
    for(int a=0;a<n;a++)
    {
        for(int b=0;b<n;b++)
        {
            if(arr[b]<arr[min])
            min=b;
        }
        printf("%d ",min);
        arr[min]=max;
    }
}
```

	Input	Expected	Got	
✓	5	4 2 0 1 3	4 2 0 1 3	✓

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REC-CIS

Answer: (penalty regime: 0 %)

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

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

Passed all tests! ✓

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REC-CIS

```
            vac[j]=temp;
            temp=pat[b];
            pat[b]=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! ✓

Question **3**
Correct

You are given an array of n integer numbers $a_1, a_2, \ldots, a_n$. Calculate the number of pair of indices (i, j) such that $1 \le i < j \le n$ and a_i xor $a_j = 0$.

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REC-CIS

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int n,a,b,temp,flag;
    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;j++)
    {
        a=j,b=j;
        for(int k=j;k<n;k++)
        {
                if(vac[k]<vac[a])
                a=k;
                if(pat[k]<pat[b])
                b=k;
            }
            temp=vac[a];
            vac[a]=vac[j];
            vac[j]=temp;
            temp=pat[b];
            pat[b]=pat[j];
            pat[j]=temp;
        }
        for(int i=0;i<n;i++)
        {
            if(vac[i]<=pat[i])
            {
                flag=0;
                break;
```

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REC-CIS

```c
#include<stdio.h>
int gcd(int a,int b){
    while(b!=0){
        int temp=b;
        b=a%b;
        a=temp;
    }
    return a;
}
int euler(int n){
    int c=0;
    for(int i=1;i<=n;i++){
        if(gcd(i,n)==1){
            c++;
        }
    }
    return c;
}
int main(){
    int n;
    scanf("%d",&n);
    printf("%d\n",euler(n));
}
```

	Input	Expected	Got	
✓	10	4	4	✓
✓	23	22	22	✓
✓	11	10	10	✓

Passed all tests! ✓

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int t;
    scanf("%d",&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);
    }
}
```

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