Week-05-01-Practice Session-Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int T,d,i=0,i1,i2,o;
    char c;
    scanf("%d",&T);
    while(i<T)
    {
        scanf("%d",&d);
        i1=0;
        while(i1<d)
        {
            o=1;
            i2=0;
            if(i1%2==0)
            {
                o=0;
            }
            while(i2<d)
            {
                c='B';
                if(i2%2==o)
                {
                    c='W';
                }
                printf("%c",c);
                i2++;
            }
            i1+=1;
            printf("\n");
```

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REC-CIS

```
            o=1;
            i2=0;
            if(i1%2==0)
            {
                o=0;
            }
            while(i2<d)
            {
                c='B';
                if(i2%2==o)
                {
                    c='W';
                }
                printf("%c",c);
                i2++;
            }
            i1+=1;
            printf("\n");
        }
        i=i+1;
    }
}
```

	Input	Expected	Got	
✓	2	WBW	WBW	✓

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int T,d,i,i1,i2,o,z;
    char c,s;
    scanf("%d",&T);
    for(i=0;i<T;i++)
    {
        scanf(" %d %c",&d,&s);
        for(i1=0;i1<d;i1++)
        {
            z=(s=='W') ? 0:1;
            o=(i1%2==z) ? 0:1;
            for(i2=0;i2<d;i2++)
            {
                c=(i2%2==o) ? 'W' : 'B' ;
                printf("%c",c);
            }
            printf("\n");
        }
    }
  return 0;
}
```

	Input	Expected	Got

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REC-CIS

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main(){
    int n,v,p3,c,in,i,i1,i2,t,ti;
    scanf("%d",&t);
    for(ti=0;ti<t;ti++){
        v=0;
        scanf("%d",&n);
        printf("Case #%d\n",ti+1);
        for(i=0;i<n;i++){
        c=0;
        if(i>0){
            for(i1=0;i1<i;i1++) printf("**");
        }
    for(i1=i;i1<n;i1++){
        if(i>0) c++;
        printf("%d0",++v);
    }
    if(i==0){
        p3=v+(v*(v-1))+1;
        in=p3;
    }
    in=in-c;
    p3=in;
    for(i2=i;i2<n;i2++){
        printf("%d",p3++);
        if(i2!=n-1) printf("0");
    }printf("\n");
    }
    }
}
```

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REC-CIS

```
        }
    for(i1=i;i1<n;i1++){
        if(i>0) c++;
        printf("%d0",++v);
    }
    if(i==0){
        p3=v+(v*(v-1))+1;
        in=p3;
    }
    in=in-c;
    p3=in;
    for(i2=i;i2<n;i2++){
        printf("%d",p3++);
        if(i2!=n-1) printf("0");
    }printf("\n");
    }
    }
}
```

	Input	Expected	Got	
✓	3 3 4 5	Case #1 10203010011012 **4050809 ****607 Case #2	Case #1 10203010011012 **4050809 ****607 Case #2	✓

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REC-CIS

```c
#include<stdio.h>
#include<math.h>
int main()
{
    int n;
    scanf("%d",&n);
    int x=0,n2=n;
    while(n2!=0)
    {
        x++;
        n2=n2/10;
    }
    int sum=0;
    int n3=n,n4;
    while(n3!=0)
    {
        n4=n3%10;
        sum=sum+pow(n4,x);
        n3=n3/10;
    }
    if(n==sum)
    {
        printf("true");
    }
    else
    {
        printf("false");

    }
    return 0;

```

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REC-CIS

```
25      else
26      {
27          printf("false");
28
29      }
30      return 0;
31
32  }
```

	Input	Expected	Got	
✓	153	true	true	✓
✓	123	false	false	✓

Passed all tests! ✓

Question 2

Correct

Marked out of 5.00

Flag question

Take a number, reverse it and add it to the original number until the obtained number is a palindrome. Constraints 1<=num<=99999999 Sample Input 1 32 Sample Output 1 55 Sample Input 2 789 Sample Output 2 66066

Answer: (penalty regime: 0 %)

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REC-CIS

Question 2

Correct

Marked out of 5.00

Flag question

Take a number, reverse it and add it to the original number until the obtained number is a palindrome. Constraints 1<=num<=99999999 Sample Input 1 32 Sample Output 1 55 Sample Input 2 789 Sample Output 2 66066

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=n/10;

        }
        n=nt+rn;
        i++;
    }
    while(rn!=nt || i==1);
    printf("%d",rn);
    return 0;

}
```

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REC-CIS

```
            rn=rn*10+n%10;
            n=n/10;

        }
        n=nt+rn;
        i++;
    }
    while(rn!=nt || i==1);
    printf("%d",rn);
    return 0;

}
```

	Input	Expected	Got	
✓	32	55	55	✓
✓	789	66066	66066	✓

Passed all tests! ✓

Question 3

Correct

A number is considered lucky if it contains either 3 or 4 or 3 and 4 both in it. Write a program to print the nth

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int n=1,i=0,nt,co=0,e;
    scanf("%d",&e);
    while(i<e)
    {
        nt=n;
        while(nt!=0)
        {
            co=0;
            if(nt%10!=3 && nt%10!=4)
            {
                co=1;
                break;
            }
            nt=nt/10;

        }
        if (co==0)
        {
            i++;
        }
        n++;
    }
    printf("%d",--n);
    return 0;
}
```

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REC-CIS

```
16              }
17              nt=nt/10;
18
19          }
20          if (co==0)
21          {
22              i++;
23          }
24          n++;
25      }
26      printf("%d",--n);
27      return 0;
28  }
```

	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓

Finish review

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