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 v;
    scanf("%d",&v);
    while(v>0)
    {
        int x;
        scanf("%d",&x);
        if(x<0)
        {
            x=-x;
        }
        char a='W';
        for(int i=0;i<x;i++)
        {
        for(int j=0;j<x;j++)
        {
            printf("%c",a);
            if(a=='W')
            a='B';
            else
            a='W';
        }
        printf("\n");
        if(x%2==0)
        {
            if(a=='W')
            a='B';
            else
            a='W';
        }
```

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REC-CIS

```
28              if(a=='W')
29              a='B';
30              else
31              a='W';
32          }
33      }
34      v--;
35      }
36      return 0;
37  }
```

	Input	Expected	Got	
✓	2 3 5	WBW BWB WBW WBWBW BWBWB WBWBW BWBWB WBWBW	WBW BWB WBW WBWBW BWBWB WBWBW BWBWB WBWBW	✓

Passed all tests! ✓

Question **2**

Correct

Let's print a chessboard!

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REC-CIS

```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	
✓	2 2 W 3 B	WB BW BWB	WB BW BWB	✓

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#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");
```

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REC-CIS

```
28              p3=in;
29              for(i2=i;i2<n;i2++)
30              {
31                  printf("%d",p3++);
32                  if(i2!=n-1) printf("0");
33              }
34              printf("\n");
35          }
36      }
37      return 0;
38  }
```

	Input	Expected	Got	
✓	3 3 4 5	Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 ******10011 Case #3 10203040502602702802903 0 **6070809022023024025 ****10011012019020021 ******13014017018 ********15016	Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 ******10011 Case #3 10203040502602702802903 0 **6070809022023024025 ****10011012019020021 ******13014017018 ********15016	✓

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Week-05-02-Practice Session-Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

Answer: (penalty regime: 0 %)

```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

	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 %)

```
#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++;
```

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Week-05-02-Practice Session-Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

Correct

Marked out of 5.00

Flag question

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;
}
```

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

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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;
}
```

Input	Expected	Got

Type here to search

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REC-CIS

```
11              co=0;
12              if(nt%10!=3 && nt%10!=4)
13              {
14                  co=1;
15                  break;
16              }
17              nt=nt/10;
18          }
19          if(co==0)
20          {
21              i++;
22          }
23          n++;
24      }
25      printf("%d",--n);
26      return 0;
27  }
```

	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓

Finish review

Type here to search

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