

```
1 #include<stdio.h>
2 int main()
3 {
4     int T, d, i=0, i1, i2, l;
5     char c;
6     scanf("%d",&T);
7     while(i<T)
8     {
9         scanf("%d",&d);
10        i1=0;
11        while(i1<d)
12        {
13            l=1;
14            i2=0;
15            if(i1%2==0)
16            {
17                l=0;
18            }
19            while(i2<d)
20            {
21                c = 'B';
22                if(i2%2==1)
23                {
24                    c = 'W';
25                }
26                printf("%c",c);
27                i2++;
28            }
29            i1+=1;
30            printf("\n");
31        }
32        i+=1;
33    }
34 }
```

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

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```
1 #include<stdio.h>
2 int main()
3 {
4     int T,d,i,i1,i2,o,z;
5     char c,s;
6     scanf("%d",&T);
7     for(i=0;i<T;i++)
8     {
9         scanf("%d %c",&d,&s);
10        for(i1=0;i1<d;i1++)
11        {
12            z=(s=='W')?0:1;
13            o=(i1%2==z)?0:1;
14            for(i2=0;i2<d;i2++)
15            {
16                c=(i2%2==o)?'W':'B';
17                printf("%c",c);
18            }
19            printf("\n");
20        }
21    }
22    return 0;
23 }
```

	Input	Expected	Got	
✓	2	WB	WB	✓
	2 W	BW	BW	
	3 B	BWB	BWB	
		WBW	WBW	
		BWB	BWB	

Passed all tests! ✓

```

1 #include<stdio.h>
2 int main(){
3     int n,v,p3,c,in,i,i1,i2,t,ti;
4     scanf("%d",&t);
5     for(ti=0;ti<t;ti++){
6         v=0;
7         scanf("%d",&n);
8         printf("Case #%d\n",ti+1);
9         for(i=0;i<n;i++){
10             c=0;
11             if(i>0){
12                 for(i1=0;i1<i;i1++) printf("***");
13             }
14             for(i1=i;i1<n;i1++){
15                 if(i>0) c++;
16                 printf("%d0",++v);
17             }
18             if(i==0){
19                 p3=v+(v*(v-1))+1;
20                 in=p3;
21             }
22             in=in-c;
23             p3=in;
24             for(i2=i;i2<n;i2++){
25                 printf("%d",p3++);
26                 if(i2!=n-1) printf("0");
27             }printf("\n");
28         }
29     }
30 }

```

	Input	Expected	Got	
✓	3	Case #1	Case #1	✓
	3	10203010011012	10203010011012	
	4	**4050809	**4050809	
	5	****607	****607	
		Case #2	Case #2	
		1020304017018019020	1020304017018019020	
		**50607014015016	**50607014015016	
		***809012013	***809012013	
		*****10011	*****10011	
		Case #3	Case #3	
		102030405026027028029030	102030405026027028029030	
		**6070809022023024025	**6070809022023024025	
		***10011012019020021	***10011012019020021	
		*****13014017018	*****13014017018	
		*****15016	*****15016	

Passed all tests! ✓

```

1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int n;
6     scanf("%d",&n);
7     int x=0,n2=n;
8     while(n2!=0)
9     {
10         x++;
11         n2=n2/10;
12     }
13     int sum=0;
14     int n3=n,n4;
15     while(n3!=0)
16     {
17         n4=n3%10;
18         sum=sum+pow(n4,x);
19         n3=n3/10;
20     }
21     if(n==sum)
22     {
23         printf("true");
24     }
25     else
26     {
27         printf("false");
28     }
29     return 0;
30 }

```

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

Passed all tests! ✓

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```
1 #include<stdio.h>
2 int main()
3 {
4     int rn,n,nt=0,i=0;
5     scanf("%d",&n);
6     do
7     {
8         nt=n;
9         rn=0;
10        while(n!=0)
11        {
12            rn=rn*10 + n%10;
13            n=n/10;
14        }
15        n=nt+rn;
16        i++;
17    }
18    while(rn!=nt || i==1);
19    printf("%d",rn);
20    return 0;
21 }
```

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

Passed all tests! ✓

```

1 #include<stdio.h>
2 int main()
3 {
4     int n=1,i=0,nt,co=0,e;
5     scanf("%d",&e);
6     while(i<e)
7     {
8         nt=n;
9         while(nt!=0)
10        {
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! ✓