

Answer: (penalty regime: 0 %)

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

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

Passed all tests! ✓

```

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

```

Check

	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 {
4     int n,v,p,c,in,i,il,i2,t,ti;
5     scanf("%d",&t);
6     for(ti=0;ti<t;ti++)
7     {
8         v=0;
9         scanf("%d",&n);
10        printf("Case #%d\n",ti+1);
11        for(i=0;i<n;i++)
12        {
13            c=0;
14            if(i>0){
15                for(il=0;il<i;il++) printf("***");
16            }
17            for(il=i;il<n;il++){
18                if(i>0){ c++;
19                    printf("%d0",++v);
20                }
21                if(i==0){
22                    p=v+(v*(v-1))+1;
23                    in=p;
24                }
25                in=in-c;
26                p=in;
27                for(i2=i;i2<n;i2++){
28                    printf("%d",p++);
29                    if(i2!=n-1) printf("0");
30                }printf("\n");
31            }
32        }
33    }
```


	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         x++;
10        n2=n2/10;
11    }
12    int sum=0;
13    int n3=n,n4;
14    while(n3!=0){
15        n4=n3%10;
16        sum =sum+pow(n4,x);
17        n3=n3/10;
18    }
19    if(n==sum){
20        printf("true");
21    }
22    else{
23        printf("false");
24    }
25    return 0;
26 }

```

Check

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

Passed all tests! ✓

```

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

```

Check

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

Passed all tests! ✓

```

1 int main()
2 {
3     int n=1,i=0,nt,co=0,e;
4     scanf("%d",&e);
5     while(i<e){
6         nt=n;
7         while(nt!=0){
8             co=0;
9             if(nt%10!=3 && nt%10!=4){
10                 co=1;
11                 break;
12             }
13             nt=nt/10;
14         }
15         if(co==0){
16             i++;
17         }
18         n++;
19     }
20     printf("%d",--n);
21     return 0;
22 }
23

```

Check

	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓

Correct