

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int T;
5     scanf("%d", &T);
6     for (int t=0; t<T; t++){
7         int size;
8         scanf("%d", &size);
9         for(int i=0; i<size; i++){
10             for(int j=0; j<size; j++){
11                 if((i+j)%2==0){
12                     printf("W");
13                 }
14                 else{
15                     printf("B");
16                 }
17             }
18             printf("\n");
19         }
20     }
21     return 0;
22 }
```

	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;
5      scanf("%d", &T);
6      for(int t=0; t<T; t++)
7      {
8          int N;
9          char start;
10         scanf("%d %c",&N, &start);
11         char alt = (start=='W')?'B':'W';
12         for(int i=0;i<N;i++)
13         {
14             for(int j=0; j<N; j++)
15             {
16                 if((i+j)%2==0)
17                 {
18                     printf("%c",start);
19                 }
20                 else
21                 {
22                     printf("%c",alt);
23                 }
24             }
25             printf("\n");
26         }
27     }
28     return 0;
29 }

```

	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,p3,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             {
16                 for(il=0;il<i;il++)printf("**");
17             }
18             for(il=i;il<n;il++)
19             {
20                 if(i>0)c++;
21                 printf("%d0",++v);
22             }
23             if(i==0){
24                 p3=v+(v*(v-1))+1;
25                 in=p3;
26             }
27             in = in-c;
28             p3=in;
29             for(i2=i;i2<n;i2++){
30                 printf("%d",p3++);
31                 if(i2!=n-1)printf("0");
32             }
33             printf("\n");
34         }
35     }
36     return 0;
37 }

```

	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	

```

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         printf("false");
27     }
28     return 0;
29 }

```

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

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
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         {
10             rn=rn*10+n%10;
11             n=n/10;
12         }
13         n=nt+rn;
14         i++;
15     }
16     while(rn!=nt||i==1);
17     printf("%d",rn);
18     return 0;
19 }
```

	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! ✓