

```

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         int N;
8         char start;
9         scanf("%d %c",&N,&start);
10
11         char alt=(start == 'W')?'B':'W';
12         for(int i=0;i<N;i++){
13             for(int j=0;j<N;j++){
14                 if((i+j)%2==0){
15                     printf("%c",start);
16
17                 }
18                 else{
19                     printf("%c",alt);
20                 }
21             }
22             printf("\n");
23         }
24     }
25     return 0;
26 }

```

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

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1  #include<stdio.h>
2  int main()
3  {
4      int n,v,p3,c,in,i,i1,i2,t,t1;
5      scanf("%d",&t);
6      for (t1=0;t1<t;t1++){
7          v=0;
8          scanf("%d",&n);
9          printf("Case #%d\n",t1+1);
10         for(i=0;i<n;i++){
11             c=0;
12             if(i>0){
13                 for(i1=0;i1<i;i1++){
14                     {
15                         printf("**");
16                     }
17                 }
18                 for(i1=i;i1<n;i1++){
19                     if(i>0)c++;
20                     printf("%d0",++v);
21                 }
22                 if (i==0){
23                     p3=v+(v*(v-1))+1;
24                     in=p3;
25                 }
26                 in=in-c;
27                 p3=in;
28                 for(i2=i;i2<n;i2++){
29                     printf("%d",p3++);
30                     if(i2!=n-1)printf("0");
31                 }
32                 printf("\n");
33             }
34         }
35         return 0;
36     }
```

	Input	Expected	Got	
✓	3 3 4 5	Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 *****10011 Case #3 102030405026027028029030 **6070809022023024025 ****10011012019020021 *****13014017018 *****15016	Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 *****10011 Case #3 102030405026027028029030 **6070809022023024025 ****10011012019020021 *****13014017018 *****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 }
31 }
```

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

```

	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓