

```

1  #include<stdio.h>
2  int main(){
3      int t,a;
4      scanf("%d",&t);
5      for(int i=0;i<t;i++)
6      {
7          scanf("%d",&a);
8          for(int j=0;j<a;j++)
9          {
10             for(int k=0;k<a;k++)
11             {
12                 if((j+k)%2==0)
13                 {
14                     printf("W");
15                 }
16                 else
17                 {
18                     printf("B");
19                 }
20             }
21             printf("\n");
22         }
23     }
24 }
25
26 return 0;
27
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,n;
5      char a,b;
6      scanf("%d",&t);
7      for(int i=0;i<t;i++){
8          scanf("%d %c",&n,&a);
9          for(int j=0;j<n;j++){
10             for(int k=0;k<n;k++){
11                 if((j+k)%2==0){
12                     b=(a=='W')?'B':'W';
13                     printf("%c",a);}
14                 else{
15                     printf("%c",b);}
16             }
17             printf("\n");
18         }
19     }
20 }
21 }
22 return 0;
23 }
24

```

	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,i1,i2,t,ti;
5      scanf("%d",&t);
6      for(ti=0;ti<t;ti++){
7          v=0;
8          scanf("%d",&n);
9          printf("Case #%d\n",ti+1);
10         for(i=0;i<n;i++){
11             c=0;
12             if(i>0){
13                 for(i1=0;i1<i;i1++) printf("**");
14             }
15             for(i1=i;i1<n;i1++){
16                 if(i>0)c++;
17                 printf("%d0",++v);
18             }
19             if(i==0){
20                 p3=v+(v*(v-1))+1;
21                 in=p3;
22             }
23             in=in-c;
24             p3=in;
25             for(i2=i;i2<n;i2++){
26                 printf("%d",p3++);
27                 if(i2!=n-1) printf("0");
28             }printf("\n");
29         }
30     }
31 }

```

	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/=10;
12     }
13     int sum=0,n3=n,n4;
14     while(n3!=0)
15     {
16         n4=n3%10;
17         sum=sum+pow(n4,x);
18         n3/=10;
19     }
20     if(n==sum)
21     {
22         printf("true");
23     }
24     else
25     {
26         printf("false");
27     }
28     return 0;
29 }

```

	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     {
8         nt=n;
9         rn=0;
10        while(n!=0)
11        {
12            rn=rn*10 + n%10;
13            n/=10;
14        }
15        n=nt+rn;
16        i++;
17    }
18    while(rn!=nt || i==1);
19    {
20        printf("%d",rn);
21    }
22    return 0;
23 }

```

	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
28 }

```

	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓