

```
1  #include<stdio.h>
2  int main()
3  {
4      int T,d,i,j,k;
5      scanf("%d",&T);
6      for(i=0;i<T;i++){
7          scanf("%d",&d);
8          for(j=0;j<d;j++,puts(""))
9              for(k=0;k<d;k++)
10                 printf("%c",(j%2==k%2)?'W':'B');
11     }
12 }
```

	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,i1,i2,o,z;
5      char s,c;
6      scanf("%d",&T);
7      for(i=0;i<T;i++){
8          scanf("%d %c",&d,&s);
9          for(i1=0;i1<d;i1++)
10         {
11             z=(s=='W')?0:1;
12             o=(i1%2==z)?0:1;
13             for(i2=0;i2<d;i2++){
14                 c=(i2%2==o)?'W':'B';
15                 printf("%c",c);}
```

```
12 o=(i1%2==2)?0:1;
13 ▼ for(i2=0;i2<d;i2++){
14 c=(i2%2==0)?'W':'B';
15 printf("%c",c);}
16 printf("\n");
17 }
18 }
19 }
```

	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 num,t;
5      scanf("%d",&t);
6      int st1=1;
7      int st2;
8      for(int k=1;k<=t;k++)
9      {
10         printf("Case #%d\n",k);
11         scanf("%d",&num);
12         st1=1;
13         st2=num*(num+1);
14         for(int i=0;i<num;i++)
15         {
```

```
16 ▼      for(int j=0;j<i;j++){
17          printf("**");
18      }
19 ▼      for(int j=0;j<num-i;j++){
20          printf("%d",(st1++)*10);
21      }
22      st2=st2-(num-i-1);
23 ▼      for(int j=0;j<(num-i-1);j++){
24          printf("%d",(st2++)*10);
25      }printf("%d",st2);
26      st2=st2-(num-i);
27      printf("\n");
28  }
29 }
30 return 0;
```

	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	



	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     int n;
5     scanf("%d",&n);
6     int x=0,n2=n;
7     while(n2!=0){
8         x++;
9         n2=n2/10;
10    }
11    int sum=0;
12    int n3=n,n4;
13    while(n3!=0){
14        n4=n3%10;
15        sum=sum+pow(n4,x);
```

```
16         n3=n3/10;
17     }
18     if(n==sum)
19     {
20         printf("true");
21     }
22     else
23     {
24         printf("false");
25     }
26     return 0;
27 }
```

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

Passed all tests! ✓

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

	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             }
```

```
15         break;
16     }
17     nt=nt/10;
18 }
19 if(co==0)
20 {
21     i++;
22 }n++;
23 }printf("%d",--n);return 0;
24 }
```



	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓