```c
#include<stdio.h>
int main()
{
    int T,d,i,j,k;
    scanf("%d",&T);
    for(i=0;i<T;i++){
        scanf("%d",&d);
        for(j=0;j<d;j++,puts(""))
        for(k=0;k<d;k++)
        printf("%c",(j%2==k%2)?'W':'B');
    }
}
```

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

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int T,d,i,i1,i2,o,z;
    char s,c;
    scanf("%d",&T);
    for(i=0;i<T;i++){
        scanf("%d %c",&d,&s);
        for(i1=0;i1<d;i1++)
        {
            z=(s=='W')?0:1;
            o=(i1%2==z)?0:1;
            for(i2=0;i2<d;i2++){
            c=(i2%2==o)?'W':'B';
            printf("%c",c);}
```

```c
        o=(i1%2==z)?0:1;
        for(i2=0;i2<d;i2++){
        c=(i2%2==o)?'W':'B';
        printf("%c",c);}
        printf("\n");
    }
  }
}
```

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

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int num,t;
    scanf("%d",&t);
    int st1=1;
    int st2;
    for(int k=1;k<=t;k++)
    {
        printf("Case #%d\n",k);
        scanf("%d",&num);
        st1=1;
        st2=num*(num+1);
        for(int i=0;i<num;i++)
        {
```

```c
            for(int j=0;j<i;j++){
                printf("**");
            }
            for(int j=0;j<num-i;j++){
                printf("%d",(st1++)*10);
            }
            st2=st2-(num-i-1);
            for(int j=0;j<(num-i-1);j++){
                printf("%d",(st2++)*10);
            }printf("%d",st2);
            st2=st2-(num-i);
            printf("\n");
        }
    }
    return 0;
```

	Input	Expected	Got	
✓	3 3 4 5	Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 ******10011 Case #3 102030405026027028029030 **607080902202302402 5	Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 ******10011 Case #3 102030405026027028029030 **607080902202302402 5	✓

Case #3
102030405026027028029030
**6070809022023024025
****10011012019020021
******13014017018
********15016

Passed all tests! ✓

```c
#include<stdio.h>
#include<math.h>
int main(){
    int n;
    scanf("%d",&n);
    int x=0,n2=n;
    while(n2!=0){
        x++;
        n2=n2/10;
    }
    int sum=0;
    int n3=n,n4;
    while(n3!=0){
        n4=n3%10;
        sum=sum+pow(n4,x);
```

```c
        n3=n3/10;
    }
    if(n==sum)
    {
        printf("true");
    }
    else
    {
        printf("false");
    }
    return 0;
}
```

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

Passed all tests! ✓

```c
#include<stdio.h>
int main(){
    int n,rn,nt=0,i=0;
    scanf("%d",&n);
    do{
        rn=0;nt=n;
        while(n!=0){
        rn=(rn*10+n%10);
        n=n/10;}
        n=nt+rn;
        i++;
    }while(rn!=nt||i==1);
    printf("%d",rn);
    return 0;
}
```

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

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int n=1,i=0,nt,co=0,e;
    scanf("%d",&e);
    while(i<e)
    {
        nt=n;
        while(nt!=0)
        {
            co=0;
            if(nt%10!=3&&nt%10!=4)
            {
                co=1;
                break;
            }
```

```
                    break;
            }
            nt=nt/10;
        }
        if(co==0)
        {
            i++;
        }n++;
    }printf("%d",--n);return 0;
}
```

	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓