

Problem :

<https://www.codechef.com/submit-v2/DIVBYI>

Code:

```
# cook your dish here
```

```
t=int(input())
```

```
while(t):
```

```
    n=int(input())
```

```
    arr=[int(x) for x in range(1,n+1)]
```

```
    num=n
```

```
    i=num-1
```

```
    while(i>=0):
```

```
        arr[i]=num
```

```
        num-=1
```

```
        i-=2
```

```
    j=n-2
```

```
    p=1
```

```
    while(j>=0):
```

```
        arr[j]=p
```

```
        p+=1
```

```
        j=j-2
```

```
    for i in arr:
```

```
        print(i,end=' ')
```

```
    print(' ')
```

```
    t-=1
```