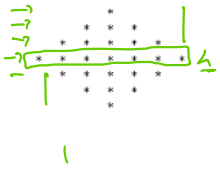
Lec7

27 January 2026 02:14 PM

Ques 18:
n = 7



space = n/2 star = 1
row = 1

while(row<=n){

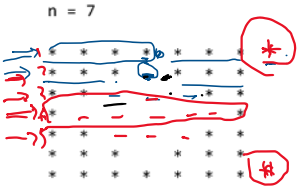
//space

[ ]

//star

//next line
if(row < n/2+1){
space --
star+=2
}else{
space++
star-=2
}

Ques 19:
n = 7



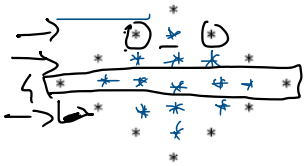
row = 1 star = n/2+1 space = 0 -1+2 =1+2 =3+2 =5

while(row<=n){

//star
int i = 1
while(i<=star){
sout(*); i++
}
//space
int j = 1
while(j<=space){
sout(" ") j++
}
//star
}

//next line
if(row<n/2+1){
star-= 4
space+=2
}
star++
space-=2
}

Ques 20:
n = 7



space = n/2 star = 1 row = 1
3

while(row<=n){

//space
int i = 1
while(i<=space){
sout(" ");
i++
}
//star
int j = 1
while(j<=star){
if(j==1||j==star)
sout(*)

//next line
if (row<n/2+1)
star+=2
space--
else
star-=2
space++

```
if(j==1||j==n-i)
    sout(*)
else sout( )
.
j++
```

```
sout
}
sout()
```

space = n*2-3

Ques 21:
n = 5