

2nd largest

4 4 5 5

```
for(int i=n-2; i>=0; i--)  
{ if(max < arr[i])
```

```
{ cout << arr[i];  
  return 0;  
}
```

```
sort(arr, arr+n);  
maxi = arr[n-1];
```

Pyramid
Number

			④	⑤	⑥	⑦
		1				
	2	1	2			
3	2	1	2	3		
4	3	2	1	2	3	4

row \rightarrow 1 to 4

col 1 to 7

row col (ans)

1 ④

2 3 4 5

3 2 3 4 5 6

4 1 2 3 4 5 6 7

if (col > n - row + 1
 & col < n + row - 1)

Print here:

$\Delta k = \frac{n + row - 1}{\Delta k}$

$\frac{n - row + 1}{4 - 1 + 1} = 1$ $4 + 1 - 1 = 4$

$4 - 2 + 1 = 3$ $4 + 2 + 1 = 5$

$4 - 1 + 1 = 2$ $4 + 3 - 1 = 6$

$4 - 4 + 1 = 1$

1
 2 1 2
 3 2 1 2 3
 4 3 2 1 2 3 4

```

for (row = 1; row ≤ n; row++)
{
  int val = row;
  for (col = 1; col ≤ (2 * n) - 1; col++)
  {
    cout << val;
    if (col > n - row + 1 && col col < n)
      val--;
    else
      val++;
  }
  cout << " ";
}

```

1 1 2 3 4 5 5 4 3 2 1
 1 2 3 4 * 5 4 3 2 1
 1 2 3 * * * * 3 2 1
 1 2 * * * * * 2 1
 1 * * * * * * 1

row = 1 to 5
 col: 1 to 10

(n)

(row)

(col)

5

row 1 to 5
 col 1 to 2n
 int val1 = 1
 val2 = n - row + 1
 if (col ≤ n - row + 1)
 val1++
 else if (col > n - row + 1)
 val2--
 else col < "n":

row
 ①

print
 temp1

5 - row + 1
 5 - 1 + 1 = 5
 5 - 2 + 1 = 4
 5 - 3 + 1 = 3
 5 - 4 + 1 = 2
 5 - 5 + 1 = 1

dd

n + row

s+1
 s+2
 s+3
 s+4
 s+5

print temp2