

Ques 7:

n = 5

```

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

```

star = n - 5

row = 2

while(row &lt;= n) {

// star

int i = 1; while(i &lt;= star) {

```

    if (row == i || i == star) cout << "* ";
    else cout << " "; i++;
}

```

// next line prep

row++  
cout << endl;

}

row = 1

star = n

while(row &lt;= n) {

// star

int i = 1; while(i &lt;= star) {

```

    if (row == i || row + i - 1 == n) cout << "* ";
    else cout << " "; i++;
}

```

else

cout &lt;&lt; " ";

$$1 + 5 = 6 - 1 = 5 == n$$

$$1 + 4 = 5 - 1 = 4 == n$$

$$2 + 4 = 6 - 1 = 5 == n$$

Ques 8:

n = 5

```

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

```

Ques 9:

n = 5

```

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

```

space = n - 1

star = 1

while(row &lt;= n) {

// space

// star

//next line prep