## Q1.) Write a program in javascript to create a pattern like this

TIMELINE

```
1 2 3 4 5 6 7 8 9
```

```
D cw
                        View
    File
         Edit Selection
                              Go
                                   Run
中
        EXPLORER
                               JS trangle.js X
                                                JS reverseTrangle.js
                                                                       JS leftTrangle.js
                                                                                         JS rightTrangle.js
      > OPEN EDITORS
      v cw
                                  2
       JS leftTrangle.js
                                       let rows = 5;
       JS reverseTrangle.js
       JS rightTrangle.js
       JS trangle.js
                                       let pattern = "";
                                       for (let n = 1; n <= rows; n++) {
                                         for (let space = 1; space <= rows - n; space++) {</pre>
                                           pattern += " ";
                                         for (let num = 1; num <= 2 * n - 1; num++) {
                                           pattern += num + " ";
                                 17
                                         pattern += "\n";
                                 20
                                       console.log(pattern);
                                 23
В
                                PROBLEMS.
                                           OUTPUT
                                                    TERMINAL
                                                               PORTS
                                                                                SEARCH FRROR
                                                                                               COMMENTS
                                                                                                           DEBUG CONSOLE
                                91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
                              $ node trangle.js
                                      123
                                    12345
                                  1234567
                                123456789
      > OUTLINE
                                91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
```

## Q2.) Write a program in javascript to create a pattern like this

```
D cw
                 Selection
    File
          Edit
                             View
                                    Go
                                           •••
                                                     \leftarrow
      EXPLORER
                               JS trangle.js
                                                JS reverseTrangle.js
                                                                      JS leftTrangle.js
                                                                                         JS rightTrangle.js X
     > OPEN EDITORS
                               JS rightTrangle.js > ...
     V CW
                                      let rows = 5;
      JS leftTrangle.js
                                      let pattern = "";
      JS reverseTrangle.js
      JS rightTrangle.js
      JS trangle.js
                                      for (let n = 1; n <= rows; n++) {
                                         for (let space = 1; space <= rows - n; space++) {
                                           pattern += " ";
                                         for (let j = 1; j <= n; j++) {
                                          pattern += j + " ";
                                        pattern += "\n";
                                      for (let n = rows - 1; n >= 1; n--) {
                                20
                                         for (let space = 1; space <= rows - n; space++) {
                                           pattern += " ";
B
                                         for (let j = 1; j \leftarrow n; j \leftrightarrow) {
                                27
                                           pattern += j + " ";
                                        pattern += "\n";
                                      console.log(pattern);
                                34
                                                                                                           DEBUG CONSOLE
                                                    TERMINAL
                                                                                              COMMENTS
                               91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
                              $ node rightTrangle.js
                                      1 2
                                    123
                                 1234
                               12345
                                  1234
                                    1 2 3
                                      1 2
                                        1
     > OUTLINE
                               91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
     > TIMELINE
```

## Q3.) Write a program in javascript to create a pattern like this

```
1
2 1
3 2 1
4 3 2 1
5 4 3 2 1
4 3 2 1
3 2 1
2 1
```

```
D cw
    File
         Edit Selection
                         View
                               Go
                                    Run
                                          ...
中
        EXPLORER
                                JS trangle.js
                                                  JS reverseTrangle.js
                                                                        JS leftTrangle.js X
                                                                                            JS rightTrangle.js
      > OPEN EDITORS
                                 JS leftTrangle.js > ...
      v cw
                                        let rows = 5;
       JS leftTrangle.js
       JS reverseTrangle.js
                                        let pattern = "";
       JS rightTrangle.js
       JS trangle.js
                                        for (let n = 1; n <= rows; n++) {
                                            pattern += j + " ";
                                          pattern += "\n";
                                        for (let n = rows - 1; n >= 1; n--) {
                                          for (let j = n; j >= 1; j--) {
                                             pattern += j + " ";
                                  20
                                          pattern += "\n";
 В
                                        console.log(pattern);
                                 PROBLEMS
                                                                                                 COMMENTS
                                                      TERMINAL
                                 91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
                               $ node leftTrangle.js
                                 2 1
                                 3 2 1
                                 4 3 2 1
                                 54321
                                 4321
                                 3 2 1
                                 2 1
      > OUTLINE
                                 91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
      > TIMELINE
```

## Q4.) Write a program in javascript to create a pattern like this

```
1 2 3 4 5 6 7 8 9
1 2 3 4 5 6 7
1 2 3 4 5
1 2 3 4 5
1 1 2 3
```

```
O cw
   File
        Edit Selection
                       View
                             Go
                                  Run
       EXPLORER
                                                                                        JS rightTrangle.js
                              JS trangle.js
                                               Js reverseTrangle.js X
                                                                     JS leftTrangle.js
     > OPEN EDITORS
     ~ CW
                                      let rows = 5;
      JS leftTrangle.js
      JS reverseTrangle.js
      JS rightTrangle.js
                                      let pattern = "";
      JS trangle.js
                                      for (let n = rows; n >= 1; n--) {
                                        for (let space = 1; space <= rows - n; space++) {
                                          pattern += " ";
                                        for (let num = 1; num <= 2 * n - 1; num++) {
                                          pattern += num + " ";
                                        pattern += "\n";
                                20
                                      console.log(pattern);
                                22
В
                               PROBLEMS
                                                   TERMINAL
                                                                                             COMMENTS
                                                                                                         DEBUG CONSOLE
                               91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
                               $ node reverseTrangle.js
                               123456789
                                 1234567
                                   12345
                                     123
                                       1
     > OUTLINE
                               91721@NARESH-PC MINGW64 ~/Pictures/Praveen's Files/Geekster/M4/javaScript/Assignment2/cw (main)
       TIMELINE
```