

**JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY, GUNA**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**Computer Programming Lab (14B17CI171)**  
**B.Tech. (CSE/ECE/MECH/CE/CHE) Semester-I**

Lab Practice 11  
 Draw the Following patterns

Q1

```

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

Q2

```

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

Q3

```

A B C D E F G F E D C B A
A B C D E F   F E D C B A
A B C D E     E D C B A
A B C D       D C B A
A B C         C B A
A B           B A
A             A
    
```

Q4

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*****
    
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Q5

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Q6

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*
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*****
*****
*****
*****
    
```

Q7

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      *
    ***
  *****
*****
*****
*****
*****
*****
    
```

Q8

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    ***
  *****
*****
*****
*****
*****
    ***
      *
    
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