



**Marwadi**  
University  
Marwadi Chandarana Group



<b>Branch/Semester</b>	B.Tech CSE (AI & ML) / Semester I
<b>Subject Name:</b>	Computer Programming
<b>Subject Code:</b>	01CE2101
<b>Assignment:</b>	Practice Questions (Pattern Printing)
<b>Date:</b>	27 <sup>th</sup> August 2025
<b>Faculty Name:</b>	Prof. Abhishek Chauhan

Sr.	Question	CO	BL
1	Print a right-angled triangle of stars. * ** *** **** *****	C02	BL1
2	Print an inverted right-angled triangle of stars. ***** **** *** ** *	C02	BL1
3	Print a square of stars. ***** ***** ***** ***** *****	C02	BL1

4	Print a hollow square of stars. <pre> ***** *   * *   * *   * ***** </pre>	C02	BL2
5	Print a pyramid of stars. <pre>   *  *** ***** ***** ***** </pre>	C02	BL2
6	Print an inverted pyramid of stars. <pre> ***** *****  *****   ***    * </pre>	C02	BL2
7	Print a right-angled triangle of numbers (1, 12, 123...) <pre> 1 12 123 1234 12345 </pre>	C02	BL3
8	Print a right-angled triangle with repeating numbers (1, 22, 333...) <pre> 1 22 333 4444 55555 </pre>	C02	BL3

<b>9</b>	Print Floyd's Triangle (continuous numbers). 1 2 3 4 5 6 7 8 9 10	C02	BL3
<b>10</b>	Print a triangle with letters (A, AB, ABC...) A AB ABC ABCD ABCDE	C02	BL3
<b>11</b>	Print a diamond pattern of stars. * *** ***** ***** ***** ***** ***** *	C02	BL4
<b>12</b>	Print a hollow pyramid pattern. * * * * * * * * * * * * * *****	C02	BL4
<b>13</b>	Print a number diamond pattern. 1 121 12321 1234321 123454321	C02	BL5

<b>14</b>	Print Pascal's Triangle (numbers). 1 1 1 1 2 1 1 3 3 1 1 4 6 4 1	C02	BL5
<b>15</b>	Print a mixed pattern (stars + numbers). *1 **12 ***123 ****1234	C02	BL6