**Nested Loops Exercise**

Making use of **Nested Loops** (Only two [nested] loops per program) write code to give the following output.

1. Do all the questions using nested for… loops.
2. Repeat questions 1 to 5 using nested do…while loops
3. Repeat questions 6 to 10 using nested while… loops
4. **Question One**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 |  |  |  |  |
| 1 | 2 |  |  |  |
| 1 | 2 | 3 |  |  |
| 1 | 2 | 3 | 4 |  |
| 1 | 2 | 3 | 4 | 5 |

1. **Question Two**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 |
|  | 2 | 3 | 4 | 5 | 6 |
|  |  | 3 | 4 | 5 | 6 |
|  |  |  | 4 | 5 | 6 |
|  |  |  |  | 5 | 6 |
|  |  |  |  |  | 6 |

1. **Question Three**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 |  |  |  |  |
| 3 | 4 |  |  |  |
| 4 | 5 | 6 |  |  |
| 5 | 6 | 7 | 8 |  |
| 6 | 7 | 8 | 9 | 10 |

1. **Question Four**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 | 3 | 4 | 5 | 6 |
| 3 | 4 | 5 | 6 | 7 |
| 4 | 5 | 6 | 7 | 8 |
| 5 | 6 | 7 | 8 | 9 |
| 6 | 7 | 8 | 9 | 10 |

1. **Question Five**

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1. **Question Six**

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1. **Question Seven**

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1. **Question Eight**

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1. **Question Nine**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| + | 10 | 20 | 30 | 40 | 50 |
| 60 | 70 | 80 | 90 | 100 | 110 |
| 55 | 65 | 75 | 85 | 95 | 105 |
| 50 | 60 | 70 | 80 | 90 | 100 |
| 45 | 55 | 65 | 75 | 85 | 95 |
| 40 | 50 | 60 | 70 | 80 | 90 |
| 35 | 45 | 55 | 65 | 75 | 85 |
| 30 | 40 | 50 | 60 | 70 | 80 |

1. **Question Ten**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| \* | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| 20 | 20 | 40 | 60 | 80 | 100 | 120 | 140 |
| 30 | 30 | 60 | 90 | 120 | 150 | 180 | 210 |
| 40 | 40 | 80 | 120 | 160 | 200 | 240 | 280 |
| 50 | 50 | 100 | 150 | 200 | 250 | 300 | 350 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |