*printf* Exercise

What is the output of the following program? Use the table below to show the appropriate spacing. The first line of output is already given, as are the first two characters of each subsequent line; you should show the rest of the output for the other 6 lines (A thru F).

public class printfExercise {

public static void main(String[] args) {

System.out.printf(" 1234567890\n");

System.out.printf("A.%8d\n", 125);

System.out.printf("B.%-10d\n", 125);

System.out.printf("C.%4d%d\n", 125, 277);

System.out.printf("D.%6.2f%4d\n", 1.256, 277);

System.out.printf("E.%7.0f\n", 5.76);

System.out.printf("F.%1d %2d %3d\n", 1, 2, 3);

}

}

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| A | . |  |  |  |  |  |  |  |  |  |  |
| B | . |  |  |  |  |  |  |  |  |  |  |
| C | . |  |  |  |  |  |  |  |  |  |  |
| D | . |  |  |  |  |  |  |  |  |  |  |
| E | . |  |  |  |  |  |  |  |  |  |  |
| F | . |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| A | . |  |  |  |  |  | 1 | 2 | 5 |  |  |
| B | . | 1 | 2 | 5 |  |  |  |  |  |  |  |
| C | . |  | 1 | 2 | 5 | 2 | 7 | 7 |  |  |  |
| D | . |  |  | 1 | . | 2 | 6 |  | 2 | 7 | 7 |
| E | . |  |  |  |  |  |  | 6 |  |  |  |
| F | . | 1 |  |  | 2 |  |  |  | 3 |  |  |