

1. Show what the following code would output. Use ^ to represent a single space.

- a) `System.out.printf("%d%n", 500000);`
500000
- b) `System.out.printf("%+d%n", 500000);`
+500000
- c) `System.out.printf("%+,d%n", 500000);`
+500,000
- d) `System.out.printf("%+,10d%n", 500000);`
^+500,000
- e) `System.out.printf("%+,010d%n", 500000);`
+00500,000
- f) `System.out.printf("%-+,10d%n", 500000);`
+500,000
- g) `System.out.printf("I love %-5s%5s%n", "ics", "3u1");`
I^love^ics^^^^3u1
- h) `System.out.printf("I love %5S%-5S%n", "ics", "3u1");`
I^love^^^ICS3U1^^
- i) `System.out.printf("The average of this class is %6.2f%n", 67.8);`
The^average^of^this^class^is^^67.80
- j) `System.out.printf("The subtotal is %-5.2f and the total price is %5.2f%n", 2.30, 3.99);`
The^subtotal^is^2.30^^and^the^total^price^is^^3.99