Screen Output Using printf

1. **OutputPrintf1.java:** Write a program that uses `printf` (to format the names and the balances) to output the following:

```
Juanita's bank account balance is $2,345,678.99.
   Juan's bank account balance is $   15,455.26.
```

2. **OutputPrintf2.java:** Write the program that uses printf to produce the following table. Your program should match the format of the example as closely as possible. Minimize the number of characters in string literals (in quotes) by using equations to calculate the squares, and use field widths & flags to align your columns.

```
Number          Square
1.10            1.21000
1.11            1.23210
1.12            1.25440
1.13            1.27690
1.14            1.29960
1.15            1.32250
```

3. 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`
   `>`