Day 11

Question 1 *[10 marks]*

You are counting points for a basketball game, given the amount of 2-pointers scored and 3-pointers scored, find the final points for the team and return that value.

Examples
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points(13, 12) ➞ 62

points(17, 12) ➞ 70

points(38, 8) ➞ 100
```

Question 2 *[20 marks]*

Write a Java program to check if two arrays are equal manually.

Question 3 *[20 marks]*

Write a Java program to calculate the electricity bill for the given unit.

Before, writing the Java program, first, let us know about the tariff rates. The fixed price is 100, and then if we consume electricity between 0-100 unit then we have to pay 10 per unit, if we consume electricity between 100-200 unit then for the first 100 we have to pay 10 per unit (i.e. 100*10), and for remaining pay 12 per unit. Similarly, if we consume >200 units then we have to pay 10 per unit for the first 100 units, 12 per unit for the next 100 units, and 15 per unit for the remaining units.