Java Illuminated 6th edition Anderson Solutions Manual

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1.7 Exercises, Problems, and Projects

1.7.1 Multiple Choice Exercises:

1. Java
2. Linux
3. 24
4. servers
5. is even
6. is odd
7. is a multiple of 4
8. true
9. Windows
10. C
11. .java
12. .class
13. `javac Hello.java`
14. `java Hello`

1.7.2 Converting Numbers

15. 0100 0011
16. 0110 0001 1100
17. 21
18. 3,413
19. 0x15
20. 1101 1000 1111

1.7.3 General Questions

21. 2^7, or 128
22. 3 billion
23. 2600 MHz (or 2.6 GHz)
24. with 5 bits, 2^5 or 32 colors; with n bits, 2^n colors
25. red = 51; green = 171; blue = 18
26. 256 shades of grey, including black and white
27. OOP/code reuse, symbolic/easy to use, platform independent
28. *javac*
29. read first number
    read second number
    set product to (first number * second number)
    output product
30. set first total to 0
    set second total to 0
    while there is a number to read, repeat next instruction

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```
        if number is greater than or equal to 10
                add number to first total
        else
                add number to second total
end while
output first total
output second total
```


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