AP Computer Science
Mr Hanley

[The Hood](#)
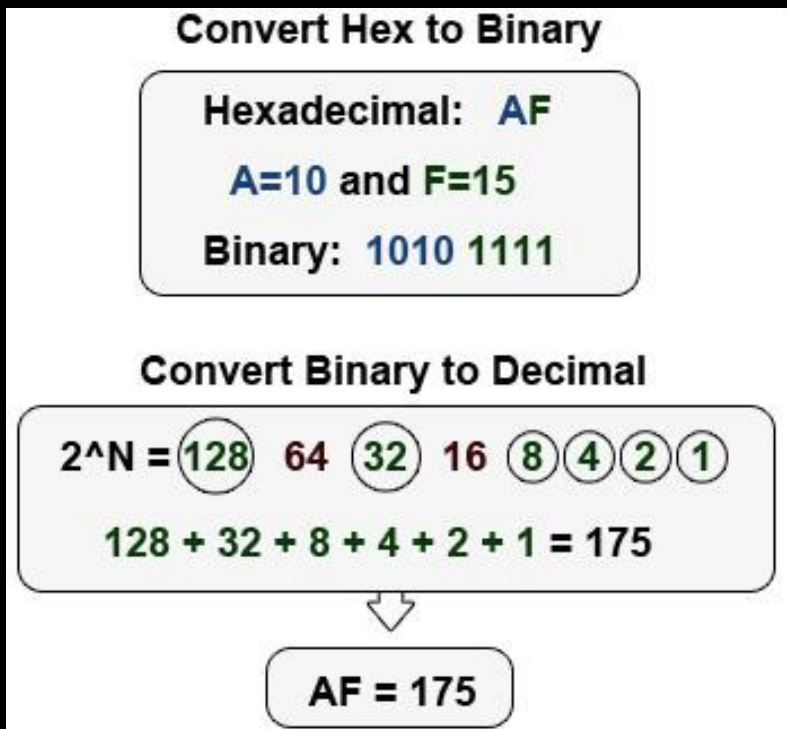
Bonus Base Converter

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Bonus : Base Converter

BIN	1010	DEC	10
OCT	12	HEX	A

BASE 3	101
BASE 4	22
AND MORE...	

Convert Hex to Binary

Hexadecimal: AF

A=10 and F=15

Binary: 1010 1111

Convert Binary to Decimal

2^N = 128   64   32   16   8 4 2 1

128 + 32 + 8 + 4 + 2 + 1 = 175

AF = 175

Provide a Graphical Program that will allow the user to input a number in either binary, decimal or hexadecimal.
Depending on which field is filled in, fill in the other two with the corresponding values in the other systems.

Use the Big Integer class in order to handle large values.

NOTE: Although the Integer class has some great methods like toBinaryString and toHexString, these are not to be used on this assignment.

If your program successfully converts 64 1's then it must be working with BigInteger because otherwise you would overflow the long type.

Project Name	Number Converter
Class 1 Name	ConvertFrame
Class 2 Name	ConvertLogic