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Total count for 00 output are: {'000000': 710, '000001': 54, '010000': 357, '010001': 46, '010010': 71, '010011': 28, '010100': 139, '010101': 28, '010110': 37, '010111': 21, '011000': 39, '011001': 101, '011010': 31, '011011': 274, '011100': 15, '011101': 39, '011110': 23, '011111': 119, '000010': 81, '100000': 52, '100001': 4, '100010': 5, '100011': 5, '100100': 106, '100101': 12, '100110': 12, '100111': 7, '101000': 10, '101001': 15, '101010': 1, '101011': 30, '101100': 14, '101101': 24, '101110': 12, '101111': 53, '000011': 43, '110000': 30, '110001': 4, '110010': 4, '110011': 2, '110100': 35, '110101': 18, '110110': 16, '110111': 12, '111000': 6, '111001': 9, '111010': 2, '111011': 26, '111100': 8, '111101': 15, '111110': 8, '111111': 32, '000100': 134, '000101': 14, '000110': 52, '000111': 31, '001000': 94, '001001': 143, '001010': 21, '001011': 251, '001100': 20, '001101': 41, '001110': 25, '001111': 329}

Total count for 00 and 11 are: {'000000': 1442, '000001': 48, '010000': 79, '010001': 47, '010010': 25, '010011': 87, '010100': 24, '010101': 8, '010110': 15, '010111': 14, '011000': 69, '011001': 51, '011010': 10, '011011': 188, '011100': 8, '011101': 22, '011110': 3, '011111': 60, '000010': 147, '100000': 102, '100001': 7, '100010': 29, '100011': 13, '100100': 60, '100101': 10, '100110': 22, '100111': 11, '101000': 16, '101001': 27, '101010': 3, '101011': 43, '101100': 9, '101101': 44, '101110': 9, '101111': 60, '000011': 44, '110000': 29, '110001': 5, '110010': 49, '110011': 16, '110100': 22, '110101': 3, '110110': 18, '110111': 6, '111000': 20, '111001': 14, '111010': 11, '111011': 22, '111100': 8, '111101': 9, '111110': 7, '111111': 12, '000100': 63, '000101': 14, '000110': 16, '000111': 17, '001000': 85, '001001': 264, '001010': 19, '001011': 250, '001100': 12, '001101': 46, '001110': 3, '001111': 104}

Total count for 00 output are: {'000000': 1227, '000001': 28, '010000': 87, '010001': 10, '010010': 37, '010011': 14, '010100': 42, '010101': 4, '010110': 23, '010111': 11, '011000': 9, '011001': 50, '011010': 3, '011011': 96, '011100': 3, '011101': 56, '011110': 6, '011111': 104, '000010': 106, '100000': 72, '100001': 10, '100010': 11, '100011': 11, '100100': 41, '100101': 2, '100110': 14, '100111': 15, '101000': 46, '101001': 14, '101010': 4, '101011': 48, '101100': 23, '101101': 13, '101110': 9, '101111': 96, '000011': 64, '110000': 13, '110001': 3, '110010': 7, '110011': 1, '110100': 17, '110101': 4, '110110': 23, '110111': 6, '111000': 7, '111001': 6, '111010': 4, '111011': 11, '111100': 2, '111101': 12, '111110': 3, '111111': 11, '000100': 120, '000101': 8, '000110': 50, '000111': 28, '001000': 91, '001001': 97, '001010': 14, '001011': 485, '001100': 28, '001101': 45, '001110': 17, '001111': 478}

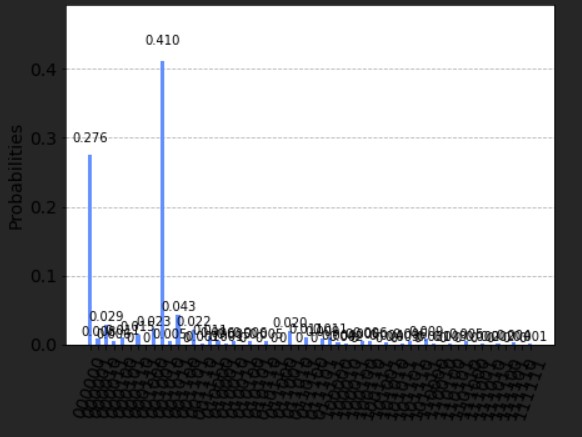
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Total count for 00 output are: {'000000': 710, '000001': 54, '010000': 357, '010001': 46, '010010': 71, '010011': 28, '010100': 139, '010101': 28, '010110': 37, '010111': 21, '011000': 39, '011001': 101, '011010': 31, '011011': 274, '011100': 15, '011101': 39, '011110': 23, '011111': 119, '000010': 81, '100000': 52, '100001': 4, '100010': 5, '100011': 5, '100100': 106, '100101': 12, '100110': 12, '100111': 7, '101000': 10, '101001': 15, '101010': 1, '101011': 30, '101100': 14, '101101': 24, '101110': 12, '101111': 53, '000011': 43, '110000': 30, '110001': 4, '110010': 4, '110011': 2, '110100': 35, '110101': 18, '110110': 16, '110111': 12, '111000': 6, '111001': 9, '111010': 2, '111011': 26, '111100': 8, '111101': 15, '111110': 8, '111111': 32, '000100': 134, '000101': 14, '000110': 52, '000111': 31, '001000': 94, '001001': 143, '001010': 21, '001011': 251, '001100': 20, '001101': 41, '001110': 25, '001111': 329}

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Total count for 00 output are: {'000000': 1227, '000001': 28, '010000': 87, '010001': 10, '010010': 37, '010011': 14, '010100': 42, '010101': 4, '010110': 23, '010111': 11, '011000': 9, '011001': 50, '011010': 3, '011011': 96, '011100': 3, '011101': 56, '011110': 6, '011111': 104, '000010': 106, '100000': 72, '100001': 10, '100010': 11, '100011': 11, '100100': 41, '100101': 2, '100110': 14, '100111': 15, '101000': 46, '101001': 14, '101010': 4, '101011': 48, '101100': 23, '101101': 13, '101110': 9, '101111': 96, '000011': 64, '110000': 13, '110001': 3, '110010': 7, '110011': 1, '110100': 17, '110101': 4, '110110': 23, '110111': 6, '111000': 7, '111001': 6, '111010': 4, '111011': 11, '111100': 2, '111101': 12, '111110': 3, '111111': 11, '000100': 120, '000101': 8, '000110': 50, '000111': 28, '001000': 91, '001001': 97, '001010': 14, '001011': 485, '001100': 28, '001101': 45, '001110': 17, '001111': 478}



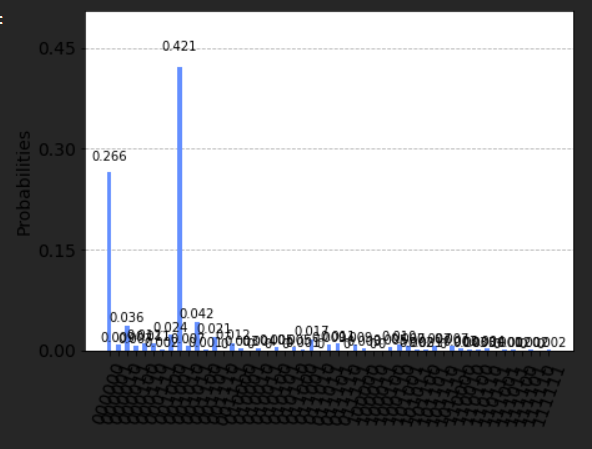
Trial 3

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Total count for 00 output are: {'000000': 1092, '000001': 77, '010000': 140, '010001': 38, '010010': 35, '010011': 45, '010100': 58, '010101': 30, '010110': 20, '010111': 21, '011000': 11, '011001': 53, '011010': 14, '011011': 406, '011100': 4, '011101': 17, '011110': 9, '011111': 70, '000010': 150, '100000': 73, '100001': 9, '100010': 5, '100011': 3, '100100': 43, '100101': 13, '100110': 17, '100111': 14, '101000': 4, '101001': 12, '101010': 5, '101011': 21, '101100': 6, '101101': 25, '101110': 5, '101111': 130, '000011': 67, '110000': 17, '110001': 9, '110010': 10, '110011': 2, '110100': 37, '110101': 5, '110110': 8, '110111': 6, '111000': 3, '111001': 4, '111010': 3, '111011': 23, '111100': 5, '111101': 9, '111110': 4, '111111': 17, '000100': 72, '000101': 11, '000110': 32, '000111': 19, '001000': 88, '001001': 137, '001010': 59, '001011': 351, '001100': 6, '001101': 36, '001110': 13, '001111': 272}

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Trial 4

Total count for output 10 are: {'000000': 832, '000001': 32, '010000': 160, '010001': 17, '010010': 53, '010011': 24, '010100': 60, '010101': 14, '010110': 31, '010111': 10, '011000': 13, '011001': 72, '011010': 23, '011011': 252, '011100': 15, '011101': 40, '011110': 10, '011111': 132, '000010': 107, '100000': 51, '100001': 8, '100010': 25, '100011': 12, '100100': 76, '100101': 9, '100110': 28, '100111': 17, '101000': 13, '101001': 23, '101010': 11, '101011': 45, '101100': 5, '101101': 29, '101110': 19, '101111': 136, '000011': 37, '110000': 18, '110001': 8, '110010': 15, '110011': 8, '110100': 19, '110101': 7, '110110': 8, '110111': 9, '111000': 7, '111001': 10, '111010': 16, '111011': 36, '111100': 5, '111101': 10, '111110': 11, '111111': 27, '000100': 158, '000101': 21, '000110': 81, '000111': 39, '001000': 63, '001001': 128, '001010': 43, '001011': 420, '001100': 28, '001101': 43, '001110': 28, '001111': 293}

Total count for 00 output are: {'000000': 934, '000001': 62, '010000': 124, '010001': 31, '010010': 48, '010011': 37, '010100': 105, '010101': 17, '010110': 29, '010111': 22, '011000': 14, '011001': 85, '011010': 19, '011011': 359, '011100': 17, '011101': 50, '011110': 11, '011111': 93, '000010': 117, '100000': 57, '100001': 13, '100010': 16, '100011': 18, '100100': 56, '100101': 16, '100110': 31, '100111': 19, '101000': 11, '101001': 17, '101010': 7, '101011': 38, '101100': 12, '101101': 40, '101110': 8, '101111': 168, '000011': 57, '110000': 20, '110001': 10, '110010': 13, '110011': 11, '110100': 40, '110101': 7, '110110': 15, '110111': 10, '111000': 7, '111001': 8, '111010': 8, '111011': 21, '111100': 11, '111101': 11, '111110': 14, '111111': 34, '000100': 134, '000101': 29, '000110': 31, '000111': 32, '001000': 81, '001001': 151, '001010': 33, '001011': 273, '001100': 14, '001101': 45, '001110': 7, '001111': 172}

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Trial 5

Total count for output 10 are: {'000000': 832, '000001': 32, '010000': 160, '010001': 17, '010010': 53, '010011': 24, '010100': 60, '010101': 14, '010110': 31, '010111': 10, '011000': 13, '011001': 72, '011010': 23, '011011': 252, '011100': 15, '011101': 40, '011110': 10, '011111': 132, '000010': 107, '100000': 51, '100001': 8, '100010': 25, '100011': 12, '100100': 76, '100101': 9, '100110': 28, '100111': 17, '101000': 13, '101001': 23, '101010': 11, '101011': 45, '101100': 5, '101101': 29, '101110': 19, '101111': 136, '000011': 37, '110000': 18, '110001': 8, '110010': 15, '110011': 8, '110100': 19, '110101': 7, '110110': 8, '110111': 9, '111000': 7, '111001': 10, '111010': 16, '111011': 36, '111100': 5, '111101': 10, '111110': 11, '111111': 27, '000100': 158, '000101': 21, '000110': 81, '000111': 39, '001000': 63, '001001': 128, '001010': 43, '001011': 420, '001100': 28, '001101': 43, '001110': 28, '001111': 293}

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