Set1

1. Write a program to print following
   i) Using while statement

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ii)using do.. while statement

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iii) using for statement

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2. Write a program to print out all Armstrong numbers between 1 and 500. If sum of cubes of each digit of the number is equal to the number itself, then the number is called an Armstrong number.
   For example, 153 = (1 * 1 * 1) + (5 * 5 * 5) + (3 * 3 * 3)
3. Write a program to print Fibonacci series of n terms where n is input by user : 0 1 1 2 3 5 8 13 24 .....
4. Write a program to set the bit in nth position of a number
   Eg: If 4 (00000100) is given, and need to set 7^{th} bit (starting from 0), answer should be 01000100 which is 68.
5. Write a C++ program to reset the bit in the nth position of a number.
   Eg: If 12 is given which is 00001100, and need to reset bit in the 3^{rd} position (starting from 0), answer would be 00000100 which is 4.
6. Write a C++ program to print the binary representation of the number that you read.
   For example, if the number read is 15, o/p should be 1111.