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| **Assignment Case** | Description: LogoBINUS-University |
| CH1Special |
| **Periode Berlaku** Semester Ganjil 2021/2022  ***Valid on*** *Odd Semester Year 2021/2022* | **Software Laboratory Center**  **Assistant Recruitment 22-1** |

## **Soal**

*Case*

**Complements**

A complement of a number is the integer you get when you flip **ones** and **zeroes** bit of that integer. For example:

* The integer 5 when converted to binary is “101”, and its complement is “010” which is 2.

**Input**The program will ask for a single number **t**, for the next **t-lines** there will be a number **num**.

**Constraint**

1 ≤ t ≤100

1 ≤ num ≤2147483647 (which is ).

**Output**Print out all complement of **num**.

**Example (Print out one ‘\n’ at the end of the results)**

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| **Input** | **Output** |
| 2  5  1 | Case 1: 2  Case 2: 0 |
| 1  1 | Case 1: 0 |