Problem 1.

1. Write a C program that takes an unsigned integer number as input, then forms two new numbers **n1** and **n2**. **n2** is made with the bits of the **even** positions, and **n1** is made with the bits of the **odd** positions. Find the number that is bigger among **n1** and **n2**.

Example:
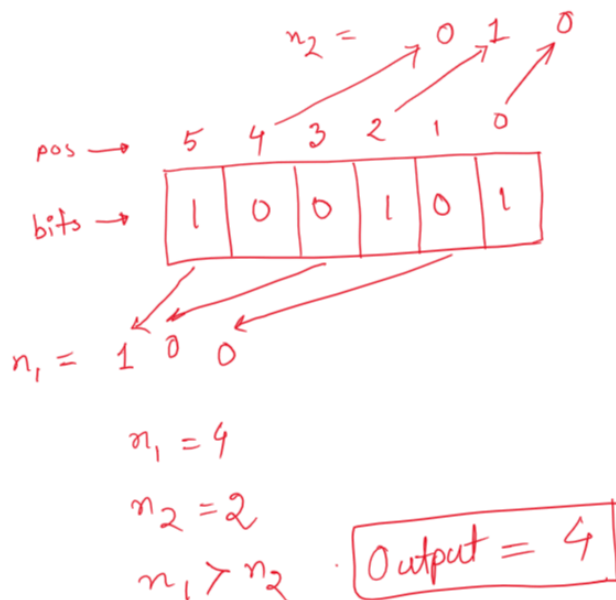
Input	Output
37	4
5	3
8	2
299	17

N.B.

★ You *must* use *bitwise operators* to solve the problem.

★ You *can* assume that the provided input will *always* be valid.

★ *Do not assume the length of integer variables.*

★ *You cannot use array to solve the problem.*