1. 下面时间复杂度中,最小的是()

A. $nlog_2n + n$

C. $n^{\log_2 2.1} + n$ D. $2n \log_2 n + n$

2. Give an efficient method to determine if there exists an integer i such that $a_{\rm i}$

B. $n^2 + n$

= i in an array of integers $a_1 < a_2 < a_3 < \cdots < a_n.$