Lec-25 20/06/25 8:19 PM Given an integer n, return the number of prime numbers that are strictly less than n. Example 1: Input: n = 10Output: 4 Explanation: There are 4 prime numbers less than 10, they are 2, 3, 5, 7. FOZCi=2 i<n i+12

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county Forca-141) 'a==b= n-> 9152 Groot multbe Sart (M) (N->psi-me) public static void main(String[] args) { // TODO Auto-generated method stub int n = 9;System.out.println(isPrime(n)); public static boolean isPrime(int n) { int i = 2;while (i * i <= n) {</pre> **if** (n % i == 0) { return false; return true; 0 sieve of Eratosthenes Prime numbers C) 12 hra 2×2 2×3 2×4 (-) heime (-) heime 1,5x3 Lx, int[] prime = new int[n]; 0 2 3 4 S 6 7 8 9 LO 11 12 13 14 15 16 12 18 nitin to render orbit L) ozbit axis-orbitaxion 2-2=0 { 2-0=2 } 2+1=1 } 2-1=1 } 2+1=1 } 0+0=0 0-0=0 0-1=-15 041=1 niu^n a 101 23513678 public static int[] Merge(int[] arr1, int[] arr2) { int n = arr1.length, m = arr2.length; int[] ans = new int[n + m]; int i = 0, j = 0, k = 0;
while (1 < n && j < m) {</pre> (if (arr1[i] < arr2[j]) {</pre> ans[k] = arr1[i];else { ans[k] = arr2[j];j++; k++; // koi ek array rhgya \sim while (i < n) { ans[k] = arr1[i];i++; k++; while (j < m) {
 ans[k] = arr2[j];</pre> k++; return ans

N=1024