T-0 (109 (4))

~ (1000) NJg 10

= 9000

h= 101000

Sox

```
public static int binarySearch(int[] arr, int data) {
 int n = arr.length, si = 0, ei = n - 1;
    } else if (arr[mid] < data) {</pre>
-200, -190, -180, 0, 7, 15, 25, 150, 250, 450, 700, <u>3750</u>};
                 23456289
```

while (si <= ei) {

} else {

int mid = (si + ei) / 2;if (arr[mid] == data) { return mid;

si = mid + 1;

ei = mid - 1;

iz (sum = = drig d) } syso (arolli) + ", " + arolli); sitt, ei - -;

in Bon: arr(1) + arr(i)

Object (Sum < terres d) &

0 1