

Byron Taiti



5-17-04

var a: array[1..n] of integer;



key = 8

function bin\_ser (low: integer; high: integer; key: integer): Index

var search: Integer;

var location: Index;

begin

location := 1;

search := low;

while (search < key and search <= high) then begin

location := location + 1;

search := array[location];

endwhile;

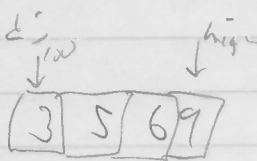
if (search > key) do begin

location := 0;

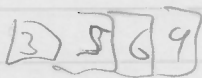
endif;

return location;

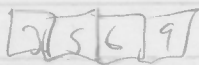
end;



↑  
search



↑  
search



↑  
search

3 5 6 9

↑  
search

return 0

~~Recursion~~