savescores Flowchart highscore = savescores(score) False nargin = 1time = clock in string array scores.txt False does not exist False month = time(2)nargin = 0True day = time(3)True Open scores.txt with write access year = time(1)highscore = 0 under va<u>r</u>iable fid1 hour = time(4)Open scores.txt with Write header read access under using_fprintf minutes = time(5)variable fid1 Write Highscore = 0 using fprintf Get first line of file close fid1 False Open scores.txt with append feof(fid1) access under variable fid1 = false True Print the date and time along with the passed score from the script current_line = next line of file close fid1 feof(fid1) current score = columns 26 through False = false end of line of current line saved as a highscore = 0 double True Open scores.txt with current line = next line of file read access under False current_score Return highscore variable fid1 = highscore to the script current_score = columns 26 through end of line of current line saved as a Get first line of file True double current_score = highscore current_score False = highscore **↓**True current_score = highscore Return to the top of the file header = first line of file Skip higscores line body = the rest of the lines in the file close fid1 Open scores.txt with write access under variable name fid1 write header to the file using fprintf write the highscore to the file using fprintf write body to the file using fprintf Return highscore to script

END