

```

runTimes = [3 2 46 1 5 4 180 11 180 3 177 180 105 3 163 3 5 5 2 2 1 23 4 3 2
11 7 2 87];
noHolds = sum([1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]);

x = [1:1:29];

temp = [3 2 46 1 5 4 180 11 180 3 177 180 105 3 163 3 5 5 2 2 1 23 4 3 2 11 7
2 87 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0];

totalTests = length(runTimes) + noHolds;
longestHold = max(runTimes);
allTestAve = sum(runTimes)/totalTests;
allTestMedian = median(temp);
pickUpAve = mean(runTimes);
pickUpMedian = median(runTimes);
heldFullTime = 3;
noHolds;
fellTowardsSource = 20;
fellAwayFromSource = 7;
fellAnomaly = 0;

figure(1)
scatter(x,runTimes);
ylabel('Length of Hold (seconds)')
xlabel('Test Number')
title('Comparing the Position of Test to Hold Time (only those that held)')

figure(2)
hist(runTimes)
ylabel('Number of Tests')
xlabel('Hold Time (seconds)')
title('Histogram of Hold Times (only those that held)')

```