```
 1 function plotRecord(record)
 2
 3 data = load(record);  % Loads in time and acceleration
 4 iter = data(1);
 5 du = data(2);
 6 time = (du:du:iter*du);
 7 acc= data(3:iter+2);
 8 A = acc;
 9 [~, idx] = min(max(abs(A))-abs(A));
10 plot(time(idx),A(idx),'ro','MarkerFaceColor','r','HandleVisibility','off')
11 text(time(idx),A(idx),sprintf('  A_{abs, max} = %1.3fg',abs(A(idx))),'VerticalAlignment','middle','HorizontalAlignment','left','FontSize',
12,'FontWeight','Bold');
12
13 plot(time,acc); grid on;
14 title(record); xlabel("Time [sec]");ylabel("Acceleration [g]");
15 print_figure("temp",[6.5, 2.25])
16 end
```