

**What is the "c" of a disgruntled  
67.3 kg physics student (tomorrows  
quiz) who runs headlong at 4.75 m/s  
(better than backlong) into a wall  
and changes in temp. 0.00313  
degrees C?....student heats up!**

What is the "c" of your skin if you're running  
at 10.30 km/hr and you trip and fall and your  
"knee skin" increases in temperature 1.40 ° C?  
The mass of your "knee skin" is 54.5 g and your  
mass is 75.0 kg.