Quiz 1 - Tuesday

Sep 17, 2024

Name:

Student Number:

As of today, the distance of the Voyager 2 probe from Earth is 137.2468 AU (Astronomical Unit). One AU is equal to $149,597,870$ km. Assuming that the speed of a radio signal is $299,792.458$ km/s, write a C program to compute the time it takes to send a signal to Voyager 2 or receive a signal from it. Print the result in hours, rounded to two decimal places. The code must be fully functional in any OS (no warnings or errors).