// Console Setup

Console.Dimension = 43;

Console.Show();

Console.WordWrap = 1;

Console.DockMode = 3;

Console.BackColor = ColorTools.Black;

Console.CurrentTextColor = ColorTools.Aqua;

Console.WindowTitle = "Mission Status and Information";

Report " SNS 419 " to Console;

Report " Maneuver-Hohmann Transfer " to Console;

Report " " to Console;

Report " By: " to Console;

Report " student1 " to Console;

Report " student2 " to Console;

Report " student3 " to Console;

Report " " to Console;

Report " Our spacecraft has a semi major axis of 7000 km and is in a circular orbit. We wish to put it at a 20000 km semi major axis circular orbit. Calculate the total amount of Δv Required to transfer to the new orbit using a Hohmann transfer." to Console;

Report " " to Console;

Report "SemiMajorAxis-Transfer orbit: ",SemiMajorTransfer, " km" to Console;

Report " " to Console;

Report "dv1: ",dV1, " km/s" to Console;

Report "dv2: ",dV2, " km/s" to Console;

Report "totalDV: ",totalDV, " km/s" to Console;