

CSC313 Coursework 2

Question 1 (b)

--1st Run--

Please type in current temperature measured

0

Please type in current internal pressure measured

0

Please type in current propulsion speed measured

0

Please type in current oxidizer level measured

0

Please type in current fuel level measured

0

Temperature is too low for liftoff

Internal pressure is not enough for liftoff

Propulsion speed is not enough for liftoff

Oxidizer Level is not enough for liftoff

Fuel Level is not enough for liftoff

Temperature = 0

Internal Pressure = 0

Propulsion Speed = 0

Oxidizer Level = 0

Fuel Level = 0

Rocket Launch Pad = Liftoff not initiated

--2nd Run--

Please type in current temperature measured

0

Please type in current internal pressure measured

20

Please type in current propulsion speed measured

50000

Please type in current oxidizer level measured

73

Please type in current fuel level measured

770000

Temperature is too low for liftoff

Internal pressure is between bounds

Propulsion speed is between bounds

Oxidizer Level is between bounds

Fuel Level is between bounds

Temperature = 0

Internal Pressure = 20

Propulsion Speed = 50000

Oxidizer Level = 73

Fuel Level = 770000

Rocket Launch Pad = Liftoff not initiated

--3rd Run--

Please type in current temperature measured

15

Please type in current internal pressure measured

20

Please type in current propulsion speed measured

55000

Please type in current oxidizer level measured

80

Please type in current fuel level measured

770000

Temperature is between bounds

Internal pressure is between bounds

Propulsion speed is between bounds

Oxidizer Level is between bounds

Fuel Level is between bounds

Temperature = 15

Internal Pressure = 20

Propulsion Speed = 55000

Oxidizer Level = 80

Fuel Level = 770000

Rocket Launch Pad = Liftoff successfully started