

Lunar Lander Project This is a program that we have developed as one solution to the project set in the last instalment (see page 655). Type LAND to play this simple version of the game: TO LAND SETUP PLAY DRAW DRAW, PLATFORM SET, ROCKET END TO SETUP PU SETXY (-20) (-60) PD SETXY 20 (-60) TO DRAW PLATFORM SETXY 0 120 MAKE "VEL 0 MAKE "FUEL 50 END TO SET. ROCKET IFYCOR < -53 THEN BOOM STOP END COMMAND MOVE TO PLAY GRAVITY FUEL REPORT PLAY IF READKEY = "F THEN BURN END TO COMMAND IF RC? THEN OUTPUT RC END TO READKEY IF: FUEL > OTHEN MAKE "VEL: VEL + 0.5 MAKE OUTPUT END TO BURN "FUEL:FUEL-1 END SETY YCOR + : VEL TO MOVE IF VEL > (-1) THEN PRINT (YOU LANDED PRINT [THE IMPACT KILLED ALL THE CREW!] SAFELY CONGRATULATIONS STOP TO BOOM MAKE "VEL VEL - 0.2 END TO GRAVITY END TO FUEL. REPORT (PRINT "FUEL FUEL) END

Three Bugs Exercise

END

Write a LOGO program for another bugs problem, this time with three bugs at the corners of a triangle