Rules:

Two players play and choose rock, paper or scissors. Paper beats rock, rock beats scissors and scissors beats rock.

PROGRAM rock\_paper\_scissors

START

SET rounds, current\_round, play1, play2, score1, score2 to 0

PRINT How many rounds do you want to play?

READ IN rounds

WHILE rounds>0

SET current\_round = current\_round+1

PRINT current\_round

PRINT Player 1 select r, p or s

READ IN play1

PRINT Player 1 select r, p or s

READ IN play2

IF play1 == r

IF play2 == p

PRINT Player 2 wins this round

SET score2 = score2+1

END IF

ELSE IF play2 == s

PRINT Player 1 wins this round

SET score1 = score1+1

END ELSE IF

ELSE IF play2 == r

PRINT Round is a draw

END ELSE IF

END IF

IF play1 == p

IF play2 == p

PRINT Round is a draw

END IF

ELSE IF play2 == s

PRINT Player 2 wins this round

SET score2 = score2+1

END ELSE IF

ELSE IF play2 == r

PRINT Player 1 wins this round

SET score1 = score1+1

END ELSE IF

END IF

IF play1 == s

IF play2 == p

PRINT Player 1 wins this round

SET score1 = score1+1

END IF

ELSE IF play2 == s

PRINT Round is a draw

END ELSE IF

ELSE IF play2 == r

PRINT Player 2 wins this round

SET score2 = score2+1

END ELSE IF

END IF

SET rounds = rounds-1

END WHILE

PRINT Scores are score1 and score2

IF score1>score2

PRINT Player 1 wins!

END IF

ELSE IF score2>score1

PRINT Player 2 wins!

END ELSE IF

ELSE

PRINT It’s a draw

END ELSE