

Rules: There are 3 cups. A coin is hidden under 1 cup. The player must guess which cup the coin is under. If they get it right they win. If they get it wrong they start again.

```
PROGRAM Cup_Game
START
SET win, ans, cup to 0
WHILE win=0
    SET cup = RANDOM(1-3)
    PRINT Guess a cup
    READ ans
    IF ans == cup
        SET win to 1
    END IF
    ELSE
        PRINT You lose! Try again!
    END ELSE
END WHILE
PRINT You win!
END PROGRAM
```