

Question 4: Pseudocode

START

INPUT username, password

SET correctUsername = "admin"

SET correctPassword = "1234"

IF username == correctUsername THEN

 IF password == correctPassword THEN

 PRINT "Login successful"

 ELSE

 PRINT "Incorrect password"

 ENDIF

ELSE

 PRINT "Username not found"

ENDIF

END

Question 5: Pseudocode

START

INPUT hasPrerequisite, isCourseFull

IF hasPrerequisite == 1 THEN

IF isCourseFull == 0 THEN

PRINT "Enrolled successfully"

ELSE

PRINT "Cannot enroll: course is full"

ENDIF

ELSE

IF isCourseFull == 1 THEN

PRINT "Cannot enroll: prerequisite missing and course is full"

ELSE

PRINT "Cannot enroll: prerequisite missing"

ENDIF

ENDIF

END