

```
INPUT "Enter your name?: ", Name
```

```
REPEAT
```

```
    INPUT "Which multiplications table would you like to test for?: ",  
    MultiplicationTable
```

```
    IF MultiplicationTable < 2 || MultiplicationTable > 12  
    THEN PRINT "WRONG CHOICE. RETRY"
```

```
Until MultiplicationTable >=2 AND MultiplicationTable <=12
```

```
NumberOfQuestions <-- 5
```

```
NumberOfAttempts <- 3
```

```
FOR I <- 1 TO NumberOfQuestions
```

```
    Multiplier ← RANDOMBETWEEN(1, 12)
```

```
    PRINT "Question " + I
```

```
    PRINT MultiplicationTable + " X " + Multiplier + " = " + " ?"
```

```
    RealAnswer <-- MultiplicationTable * Multiplier
```

```
FOR J <- 1 TO NumberOfAttempts
```

```
    INPUT "Please enter your answer ", Answer
```

```
    IF RealAnswer = Answer THEN
```

```
        PRINT Name + " You are Correct"
```

```
        BREAK
```

```
    ELSE IF RealAnswer < Answer THEN
```

```
        PRINT Name + " Your answer is TOO LARGE. Please Retry "
```

```
    ELSE IF RealAnswer > Answer THEN
```

```
        PRINT Name + " Your answer is TOO SMALL. Please Retry"
```

```
    ENDIF
```

```
NEXT J
```

IF J = 4 THEN

PRINT "CORRECT ANSWER IS "; RealAnswer

END IF

PRINT " You can proceed to next question"

NEXT I