Participant Data Summary Participant 1 (Experimental): Pre-Test: 14, Post-Test: 25, Retention: 20 The game was engaging: 4 I found the game easy to use: 5 I better understood parsing after using the game: 5 The storyline kept me motivated: 4 I would recommend this game to others: 5 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 4 Participant 2 (Experimental): Pre-Test: 11, Post-Test: 24, Retention: 24 The game was engaging: 4 I found the game easy to use: 4 I better understood parsing after using the game: 4 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 5 Participant 3 (Experimental): Pre-Test: 12, Post-Test: 21, Retention: 19 The game was engaging: 5 I found the game easy to use: 4 I better understood parsing after using the game: 4 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 4 Participant 4 (Experimental): Pre-Test: 14, Post-Test: 27, Retention: 25

The game was engaging: 4

I found the game easy to use: 5

I better understood parsing after using the game: 4 The storyline kept me motivated: 5 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 5 Participant 5 (Experimental): Pre-Test: 10, Post-Test: 23, Retention: 21 The game was engaging: 5 I found the game easy to use: 4 I better understood parsing after using the game: 5 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 5 Participant 6 (Experimental): Pre-Test: 15, Post-Test: 25, Retention: 21 The game was engaging: 5 I found the game easy to use: 5 I better understood parsing after using the game: 4 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 4 Participant 7 (Experimental): Pre-Test: 12, Post-Test: 25, Retention: 25 The game was engaging: 4 I found the game easy to use: 4 I better understood parsing after using the game: 5 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 4

The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 4 Participant 8 (Experimental): Pre-Test: 12, Post-Test: 21, Retention: 24 The game was engaging: 4 I found the game easy to use: 5 I better understood parsing after using the game: 5 The storyline kept me motivated: 5 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 5 The interface was intuitive: 4 The game was more effective than lectures: 4 Participant 9 (Experimental): Pre-Test: 14, Post-Test: 27, Retention: 23 The game was engaging: 5 I found the game easy to use: 4 I better understood parsing after using the game: 5 The storyline kept me motivated: 5 I would recommend this game to others: 5 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 4 Participant 10 (Experimental): Pre-Test: 9, Post-Test: 23, Retention: 23 The game was engaging: 4 I found the game easy to use: 4 I better understood parsing after using the game: 5 The storyline kept me motivated: 4 I would recommend this game to others: 5 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 5 Participant 11 (Experimental): Pre-Test: 10, Post-Test: 24, Retention: 24

The game was engaging: 5 I found the game easy to use: 5 I better understood parsing after using the game: 4 The storyline kept me motivated: 5 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 5 The interface was intuitive: 5 The game was more effective than lectures: 5 Participant 12 (Experimental): Pre-Test: 14, Post-Test: 20, Retention: 23 The game was engaging: 5 I found the game easy to use: 5 I better understood parsing after using the game: 5 The storyline kept me motivated: 5 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 4 Participant 13 (Experimental): Pre-Test: 10, Post-Test: 23, Retention: 20 The game was engaging: 4 I found the game easy to use: 5 I better understood parsing after using the game: 4 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 4 Participant 14 (Experimental): Pre-Test: 10, Post-Test: 21, Retention: 21 The game was engaging: 4 I found the game easy to use: 4 I better understood parsing after using the game: 4 The storyline kept me motivated: 5 I would recommend this game to others: 5

The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 5 The interface was intuitive: 4 The game was more effective than lectures: 4 Participant 15 (Experimental): Pre-Test: 15, Post-Test: 25, Retention: 24 The game was engaging: 4 I found the game easy to use: 5 I better understood parsing after using the game: 5 The storyline kept me motivated: 5 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 5 The interface was intuitive: 5 The game was more effective than lectures: 5 Participant 16 (Experimental): Pre-Test: 12, Post-Test: 24, Retention: 21 The game was engaging: 4 I found the game easy to use: 5 I better understood parsing after using the game: 4 The storyline kept me motivated: 5 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 5 The interface was intuitive: 5 The game was more effective than lectures: 4 Participant 17 (Experimental): Pre-Test: 11, Post-Test: 23, Retention: 25 The game was engaging: 5 I found the game easy to use: 4 I better understood parsing after using the game: 4 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 5

Participant 18 (Experimental): Pre-Test: 15, Post-Test: 20, Retention: 18 The game was engaging: 5 I found the game easy to use: 5 I better understood parsing after using the game: 5 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 5 Participant 19 (Experimental): Pre-Test: 15, Post-Test: 20, Retention: 20 The game was engaging: 5 I found the game easy to use: 4 I better understood parsing after using the game: 5 The storyline kept me motivated: 5 I would recommend this game to others: 5 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 4 Participant 20 (Experimental): Pre-Test: 10, Post-Test: 22, Retention: 22 The game was engaging: 4 I found the game easy to use: 5 I better understood parsing after using the game: 4 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 5 I felt more confident in parsing after playing: 5 The game covered all parsing topics well: 4 The interface was intuitive: 5 The game was more effective than lectures: 5 Participant 21 (Control): Pre-Test: 10, Post-Test: 21, Retention: 18 The game was engaging: 3 I found the game easy to use: 3 I better understood parsing after using the game: 4

The storyline kept me motivated: 4 I would recommend this game to others: 2 The feedback provided was helpful: 2 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 3 The interface was intuitive: 2 The game was more effective than lectures: 4 Participant 22 (Control): Pre-Test: 14, Post-Test: 18, Retention: 13 The game was engaging: 4 I found the game easy to use: 4 I better understood parsing after using the game: 3 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 2 The interface was intuitive: 2 The game was more effective than lectures: 4 Participant 23 (Control): Pre-Test: 12, Post-Test: 19, Retention: 13 The game was engaging: 3 I found the game easy to use: 2 I better understood parsing after using the game: 4 The storyline kept me motivated: 2 I would recommend this game to others: 2 The feedback provided was helpful: 3 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 3 The game was more effective than lectures: 3 Participant 24 (Control): Pre-Test: 8, Post-Test: 22, Retention: 15 The game was engaging: 4 I found the game easy to use: 4 I better understood parsing after using the game: 3 The storyline kept me motivated: 2 I would recommend this game to others: 2 The feedback provided was helpful: 3 I felt more confident in parsing after playing: 2 The game covered all parsing topics well: 3

The interface was intuitive: 2 The game was more effective than lectures: 2 Participant 25 (Control): Pre-Test: 14, Post-Test: 21, Retention: 13 The game was engaging: 4 I found the game easy to use: 4 I better understood parsing after using the game: 2 The storyline kept me motivated: 2 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 3 The interface was intuitive: 2 The game was more effective than lectures: 4 Participant 26 (Control): Pre-Test: 9, Post-Test: 17, Retention: 13 The game was engaging: 2 I found the game easy to use: 3 I better understood parsing after using the game: 3 The storyline kept me motivated: 4 I would recommend this game to others: 3 The feedback provided was helpful: 2 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 2 The interface was intuitive: 2 The game was more effective than lectures: 3 Participant 27 (Control): Pre-Test: 11, Post-Test: 20, Retention: 17 The game was engaging: 3 I found the game easy to use: 3 I better understood parsing after using the game: 3 The storyline kept me motivated: 3 I would recommend this game to others: 4 The feedback provided was helpful: 2 I felt more confident in parsing after playing: 2 The game covered all parsing topics well: 2 The interface was intuitive: 2 The game was more effective than lectures: 3 Participant 28 (Control):

Pre-Test: 8, Post-Test: 15, Retention: 15

The game was engaging: 2

I found the game easy to use: 4 I better understood parsing after using the game: 4 The storyline kept me motivated: 2 I would recommend this game to others: 2 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 3 The interface was intuitive: 4 The game was more effective than lectures: 3 Participant 29 (Control): Pre-Test: 11, Post-Test: 18, Retention: 17 The game was engaging: 3 I found the game easy to use: 3 I better understood parsing after using the game: 3 The storyline kept me motivated: 3 I would recommend this game to others: 2 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 3 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 3 Participant 30 (Control): Pre-Test: 13, Post-Test: 16, Retention: 18 The game was engaging: 2 I found the game easy to use: 3 I better understood parsing after using the game: 2 The storyline kept me motivated: 4 I would recommend this game to others: 2 The feedback provided was helpful: 2 I felt more confident in parsing after playing: 2 The game covered all parsing topics well: 4 The interface was intuitive: 4 The game was more effective than lectures: 2 Participant 31 (Control): Pre-Test: 9, Post-Test: 22, Retention: 18 The game was engaging: 2 I found the game easy to use: 3 I better understood parsing after using the game: 2 The storyline kept me motivated: 3 I would recommend this game to others: 2 The feedback provided was helpful: 3

I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 2 The interface was intuitive: 2 The game was more effective than lectures: 2 Participant 32 (Control): Pre-Test: 9, Post-Test: 18, Retention: 17 The game was engaging: 2 I found the game easy to use: 3 I better understood parsing after using the game: 2 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 2 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 2 The interface was intuitive: 2 The game was more effective than lectures: 4 Participant 33 (Control): Pre-Test: 8, Post-Test: 16, Retention: 18 The game was engaging: 2 I found the game easy to use: 4 I better understood parsing after using the game: 3 The storyline kept me motivated: 2 I would recommend this game to others: 3 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 3 The game covered all parsing topics well: 3 The interface was intuitive: 4 The game was more effective than lectures: 3 Participant 34 (Control): Pre-Test: 9, Post-Test: 20, Retention: 15 The game was engaging: 3 I found the game easy to use: 4 I better understood parsing after using the game: 3 The storyline kept me motivated: 4 I would recommend this game to others: 3 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 3 The interface was intuitive: 3 The game was more effective than lectures: 3

Participant 35 (Control):

Pre-Test: 12, Post-Test: 20, Retention: 12 The game was engaging: 2 I found the game easy to use: 2 I better understood parsing after using the game: 2 The storyline kept me motivated: 4 I would recommend this game to others: 3 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 2 The game covered all parsing topics well: 3 The interface was intuitive: 4 The game was more effective than lectures: 3 Participant 36 (Control): Pre-Test: 9, Post-Test: 20, Retention: 17 The game was engaging: 4 I found the game easy to use: 3 I better understood parsing after using the game: 2 The storyline kept me motivated: 2 I would recommend this game to others: 3 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 2 The game covered all parsing topics well: 2 The interface was intuitive: 2 The game was more effective than lectures: 3 Participant 37 (Control): Pre-Test: 11, Post-Test: 16, Retention: 16 The game was engaging: 3 I found the game easy to use: 4 I better understood parsing after using the game: 4 The storyline kept me motivated: 4 I would recommend this game to others: 3 The feedback provided was helpful: 3 I felt more confident in parsing after playing: 4 The game covered all parsing topics well: 4 The interface was intuitive: 3 The game was more effective than lectures: 4 Participant 38 (Control): Pre-Test: 11, Post-Test: 18, Retention: 16 The game was engaging: 2 I found the game easy to use: 3 I better understood parsing after using the game: 4

The storyline kept me motivated: 3

I would recommend this game to others: 2 The feedback provided was helpful: 3 I felt more confident in parsing after playing: 3 The game covered all parsing topics well: 3 The interface was intuitive: 3 The game was more effective than lectures: 2 Participant 39 (Control): Pre-Test: 14, Post-Test: 20, Retention: 13 The game was engaging: 3 I found the game easy to use: 3 I better understood parsing after using the game: 4 The storyline kept me motivated: 3 I would recommend this game to others: 4 The feedback provided was helpful: 2 I felt more confident in parsing after playing: 2 The game covered all parsing topics well: 2 The interface was intuitive: 2 The game was more effective than lectures: 4 Participant 40 (Control): Pre-Test: 11, Post-Test: 19, Retention: 18 The game was engaging: 3 I found the game easy to use: 2 I better understood parsing after using the game: 3 The storyline kept me motivated: 4 I would recommend this game to others: 4 The feedback provided was helpful: 4 I felt more confident in parsing after playing: 2 The game covered all parsing topics well: 3

The interface was intuitive: 3

The game was more effective than lectures: 3