

AP CS Principles ~ Unit 2

~If/Else/Logical Ops/Explore 1 Task~

Date	Activity	Assignment
Day 0 9/18	<ol style="list-style-type: none"> Return unit 1 Test, take questions (10 min) Show what you have completed on the Explore Task – Me. Should have some ideas about your input, your output, etc... WORK TIME (80-85) Pass out Unit 2 Packet 	Work on your Me Explore task. It will be due 9/28 but this is your homework, so you will be checked off tmrw on how much more you completed. Explore task is summative. Visual can be done using any computer medium.
Day 1 9/20 Prac pseudo	<ol style="list-style-type: none"> Check off what you have completed with Me Explore task. (during code time) Do Notes for compiling, boolean expressions, if-else statements (about 25 min) Do exercises 1-7, 13-15 from Unit 2 (10 min) Walk students through program 1 – pseudo-code they have to write steps as if explaining to a fifth grader steps to follow to solve prob (about 10 min) Code program 1, program 2 pseudo-code, then code (40 min) Exit quiz (10 min) 	HW: if not finished in class then complete: Exercises 1-7, 13 -15 in Exercises Unit 2 Write up pseudo-code and code program 2 30 min me explore task, due 9/28 /* Note: if hw is not completed Ms Goode keeps track and will conference with you and then parents. Use class time well to minimize homework! */
Day 2 9/22 Logical operators/ Start number bases	<ol style="list-style-type: none"> Return exit quiz, any questions (5) Students peer grade pseudo & program 2 (5 min) Teach logical operators in notes (10 min) Exercises 8-12,16-22 in Unit 2 (15 min) In class work on programs 3 and 4, show ms goode pseudo-code first! Hopefully all finish! (30) Exit quiz (10) Binary – teach base 10 first using notes pg 1&2 {20} 	HW: if not finished in class then complete: Exercises 8-12,16-22 in Exercises Unit 2 Finish any programs 1-4 not yet finished, these are due next class HW: Binary1 Exer #1-11 REMINDER: work on Me Explore Task, Due on 9/28!
Day 3 9/26 Math class	<ol style="list-style-type: none"> Return exit quiz, any questions (5-10) Peer check programs 1-4 complete w/ sheet (10) Teach Math Class notes (java api, etc) (20) Binary Notes page 3 top hex to base 10 (10) Program 5 – they pseudo-code and program it, Check off with m goode and then program 6 (30) Exit quiz (10 min) 	HW: exercises 23 – 36 in Exer Unit 2 Finish through program 7 Binary1 Exer #12-17 REMINDER: work on Me Explore Task, Due next class!
Day 4 9/28 ExploreMe task due	<ol style="list-style-type: none"> return exit quiz, any questions (5-10) Notes on if/else and else if (15) Exercises 37 - 58 (15 min) Work on programs 8-9 (20-25) Binary Notes 3-4 base any base <-> base10(20) exit quiz (10) 	HW: Finish any Exercises 37 – 58 & programs 8-9 if not completed in class. Binary1 Exer 18-39 Programs 5 – 8 due tomorrow
Day 5 10/2	<ol style="list-style-type: none"> return exit quiz, any questions (5-10) peer check programs 5 – 8 (and beyond) (10) work day on programs 10-12 – we will check these next class (55) Binary <-> hex (15) <i>Notes 5</i> 	HW: programs 9-12 due next class. come see m goode for help! Practice Quiz passed out for Test prep. Base Comparison wksht
Day 6 10/10	<ol style="list-style-type: none"> return exit quiz, any questions (10) peer grade programs 9-12 (15) if you haven't finished, work on programs 13 - 16, then review for Test 2 (45) RGB teach (10) exit quiz knowledge of binary (10) 	Test unit 2 next class so review notes/exercises/exit quizzes/practice quiz. Come in for help PRIOR to Test! RGB Worksheet
Day 7 10/16	<ol style="list-style-type: none"> return exit quiz, any questions (10-15) Test over unit 2 (time tbd maybe 40) 	