

Template

AP Computer Science Number Systems Mini Project				
Question	Possible Points	Your Points	Comments	
1. Description Slide				
Includes a correct qualitative description for the four number systems (decimal, binary, hexadecimal, octal)	15	15		
A diagram and/or graphical representation is used in explanation	15	15		
The logic for the diagram and/or graphical representation is stated correctly	15	15		
2. Role Play Slide				
Each student correctly demonstrates the role play with 2 or fewer mistakes	15	15		
Each student correctly demonstrates the role play with 1 or fewer mistakes	15	15		
Each student correctly demonstrates the role play with ZERO mistakes	15	15		
3. Java Code Demo Slide				
A sample program implementing a decimal to binary conversion is presented.	15	15		
A sample program implementing a binary to hexadecimal conversion is presented.	15	15		
A sample program implementing a binary to octal conversion is presented.	15	15		
4. Advantages/Disadvantages Slide				
Advantages of the various number systems is presented	15	15		
Disadvantages of the various number systems is presented	15	15		
5. Memory Issues Slide				
Memory Issues for the various number systems is presented	15	15		
Totals		135	135	100.00%