

Project 1 WOW (Wonder Of Wonders)

Background:

Americans, on average, spend more than 10 hours per day in front of a screen. The entertainment industry grosses over 1.9 trillion dollars each year. There is a great deal of money to be made in the entertainment industry.



9007210:
16.05,
17.01, 02,
03, 11,
18.01, 02,
03, 20.01,
21.03,
23.01

You are entering an app contest. The goal of your app is to entertain those running it. Your audience is high school age students and your instructor. Be careful, students your age can be brutal graders if there are errors, so test every aspect of your app. You, yourself will participate in the grading, but your grades themselves will be graded for accuracy.

Directions:

Design and write a program to amaze and amuse those using it. The topic is completely up to you. You can work **alone or in a group** of two or three, but groups are graded by how many members they contain. (See the table to the right.) Your app **must be written in Python**. Feel free to use Thonny, Trinket.io or any Python compiler you wish, but your program must be easily accessible by students and the instructor. **Write instructions for accessing your program** and test them with friends. Inaccessible entertainment gets no credit.

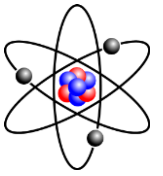
Members	Score Times
1	1.8
2	1
3	0.75

Grading:

You will receive one grade from the instructor, a second grade from contest results, and a third grade from you own evaluation of the programs entered in the contest. Students from other classes are often invited to join in evaluations of contest entries, and you may be asked to grade contest entries from other classes.

A sample grading rubric is provided on the page that follows this one. Enter grades 1 through 4, with 1 being low, and 4 being high. Try to average as close to $2\frac{1}{2}$ as you can. That is the average the grading computer is set up to expect.

Scores are calculated using totals, then multiplied by the group modifier, and run through a curving algorithm. A Microsoft Excel sheet will be available to do all the math for you. It is usual to set the curve average to a B level. Sometimes hardships occur. It can be tempting to grade special cases with compassion. Grade what is there, the instructor will make modifications in special case,s so injustices do not occur.



WOW Project Grading Rubric:

Description To Right	Grade 1-4 enter 0 if missing																		Subject					
	1	2	3	4	5	6	7	8	9	10	11	12	12	14	15	16	17	18						
1.																				Text	Beauty			
2.																				Graphics		Beauty		
3.																				Color			Beauty	
4.																				Complexity				Beauty
																				<- Total Add the above				
1.																				Loops	Programming			
2.																				NestedLoops		Programming		
3.																				Conditionals			Programming	
4.																				Functions				Programming
5.																				Variables				
																				<- Total Add the above				
1.																				Math	Advanced			
2.																				Animation		Advanced		
3.																				Edge of Screen			Advanced	
4.																				Control				Advanced
5.																				Timing				
																				<- Total Add the above				
1.																				Scope	Sum			
2.																				Knowledge		Sum		
3.																				Design			Sum	
																				<- Total Add the above				
																				<- Grand Totals Add all totals				

1 Sum of Grand Totals	2 Number of student projects:	3 Average: Divide box 1 by box 2
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