Program Design CA2 Grading Rubric

	Marks	80-100	70-79	60-69	50-59	40-49	< 40
Flowchart	**20 marks**						
Initialisation	2 marks	Perfect initialisation of program and variables with excellent Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good initialisation of program and variables with good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good initialisation of program and variables with some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK initialisation of program and variables with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Minimal initialisation of program and variables with major issues with Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt at initialisation of program and variables
Random Letters	5 marks	Perfect selection of letters with error checking demonstrating perfect Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good selection of letters with error checking demonstrating good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good selection of letters with some error checking demonstrating some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK selection of letters with minimal or no error checking demonstrating with OK Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK selection of letters with minimal or no error checking with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt at random letters generation and error checking
Word Validation	7 marks	Perfect validation of users inputs to check if the letters entered are in the random letters demonstrating perfect Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good validation of users inputs to check if the letters entered are in the random letters demonstrating good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good validation of users inputs to check if the letters entered are in the random letters demonstrating some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK validation of users inputs to check if the letters entered are in the random letters demonstrating OK Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK validation of users inputs to check if the letters entered are in the random letters with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt at validation of users inputs to check if the letters entered are in the random letters
5 Rounds	2 marks	Perfect logic to play the game for 5 rounds demonstrating perfect	Good logic to play the game for 5 rounds demonstrating good Layout and Organisation,	Good logic to play the game for 5 rounds demonstrating some Layout and Organisation,	OK logic to play the game for 5 rounds demonstrating OK Layout and Organisation,	OK logic to play the game for 5 rounds demonstrating with deficiencies in	Substandard attempt to play the game for 5 rounds

		Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Quality and Accuracy of Information and Logical Steps to solve the problem	Quality and Accuracy of Information and Logical Steps to solve the problem	Quality and Accuracy of Information and Logical Steps to solve the problem	Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	
Display Scores	2 marks	Perfect logic to keep score for 5 rounds demonstrating perfect Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good logic to keep score for 5 rounds demonstrating good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good logic to keep score for 5 rounds demonstrating some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK logic to keep score for 5 rounds demonstrating OK Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK logic to keep score for 5 rounds with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt to keep score for 5 rounds
Readme	2 marks	Very detailed description of logic in flowchart	Good description of logic in flowchart	OK description of logic in flowchart	Brief description of logic in flowchart	Minimal description of logic in flowchart	Substandard or no description of logic in flowchart
Scratch Game	**10 Marks**						
Initialisation	1 mark	Perfect initialisation of program and variables with excellent Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good initialisation of program and variables with good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good initialisation of program and variables with some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK initialisation of program and variables with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Minimal initialisation of program and variables with major issues with Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt at initialisation of program and variables
Random Letters	2 marks	Perfect selection of letters with error checking demonstrating perfect Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good selection of letters with error checking demonstrating good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good selection of letters with some error checking demonstrating some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK selection of letters with minimal or no error checking demonstrating with OK Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK selection of letters with minimal or no error checking with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt at random letters generation and error checking

Word Validation	2 marks	Perfect validation of users inputs to check if the letters entered are in the random letters demonstrating perfect Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good validation of users inputs to check if the letters entered are in the random letters demonstrating good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good validation of users inputs to check if the letters entered are in the random letters demonstrating some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK validation of users inputs to check if the letters entered are in the random letters demonstrating OK Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK validation of users inputs to check if the letters entered are in the random letters with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt at validation of users inputs to check if the letters entered are in the random letters
5 Rounds	2 marks	Perfect logic to play the game for 5 rounds demonstrating perfect Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good logic to play the game for 5 rounds demonstrating good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good logic to play the game for 5 rounds demonstrating some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK logic to play the game for 5 rounds demonstrating OK Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK logic to play the game for 5 rounds demonstrating with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt to play the game for 5 rounds
Display Scores	2 marks	Perfect logic to keep score for 5 rounds demonstrating perfect Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good logic to keep score for 5 rounds demonstrating good Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Good logic to keep score for 5 rounds demonstrating some Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK logic to keep score for 5 rounds demonstrating OK Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	OK logic to keep score for 5 rounds with deficiencies in Layout and Organisation, Quality and Accuracy of Information and Logical Steps to solve the problem	Substandard attempt to keep score for 5 rounds
Readme	1 mark	Very detailed description of logic in Scratch	Good description of logic in Scratch	OK description of logic in Scratch	Brief description of logic in Scratch	Minimal description of logic in Scratch	Substandard or no description of logic in Scratch