ICS3U0		Semester 2, 2015 - 2016

Grade 11 Computer and Information Science
Unit 1 – Quiz 1 –App Inventor Program Constructs and Terminology

Mr. N. Nolfi

Victim: _____Mr. Solutions_____ *Well done Mr. S. !!*
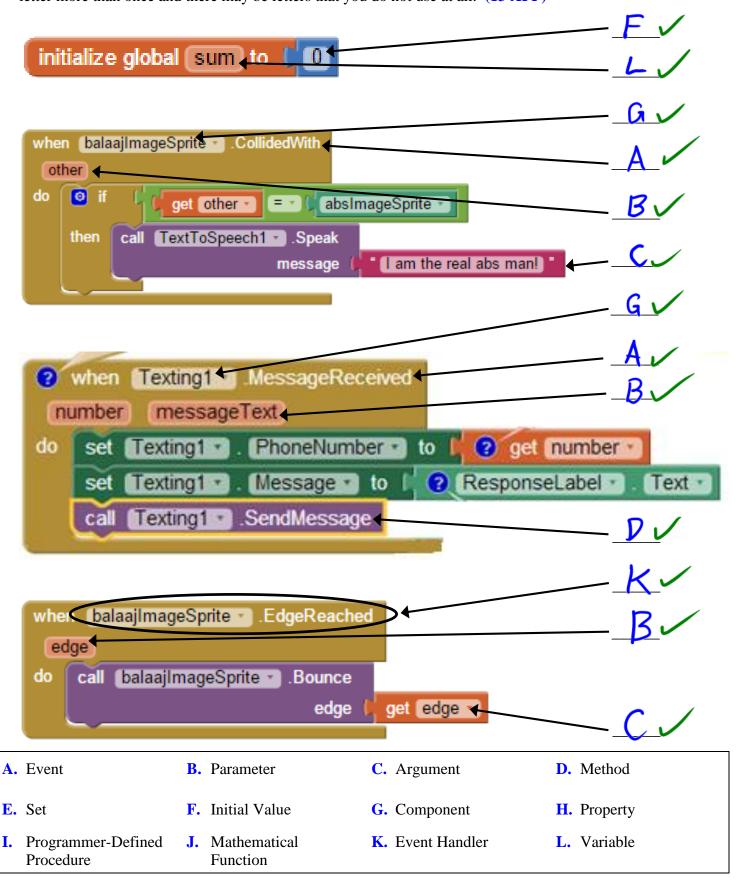
KU	APP
15/15	13/13

1. On the next page, you will find a list of terms. For each "object" to which an arrow is pointing, write in the provided space the letter corresponding to the term that *best* describes it. You may need to use the same letter more than once and there may be letters that you do not use at all. **(13 APP)**
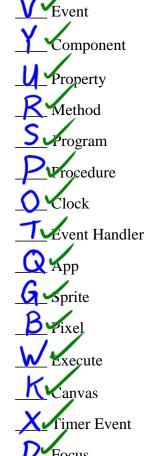
initialize global sum to 0 — F ✔ / L ✔

when balaajImageSprite .CollidedWith — G ✔ / A ✔
other
do if get other = absImageSprite — B ✔
then call TextToSpeech1 .Speak
message " I am the real abs man! " — C ✔

when Texting1 .MessageReceived — G ✔ / A ✔ / B ✔
number messageText
do set Texting1 . PhoneNumber to get number
set Texting1 . Message to ResponseLabel . Text
call Texting1 .SendMessage — D ✔

when balaajImageSprite .EdgeReached — K ✔ / B ✔
edge
do call balaajImageSprite .Bounce
edge get edge — C ✔

A. Event	**B.** Parameter	**C.** Argument	**D.** Method
E. Set	**F.** Initial Value	**G.** Component	**H.** Property
I. Programmer-Defined Procedure	**J.** Mathematical Function	**K.** Event Handler	**L.** Variable

Important Note

An *argument* is a value that is given to a *parameter*.

2. Match each term in the left column with the *best definition* or *description* in the right column. (**15 KU**)

_V_ Event	_A._ Something that happens at a given place and time.
_Y_ Component	_B._ A minute and usually square area of illumination on a display screen, one of many from which a picture is composed.
_U_ Property	_C._ With the help of ReMax, Century21 and many other companies, one can buy or sell this.
_R_ Method	_D._ A beautiful "F" word that describes something that most successful people do very well.
_S_ Program	_E._ An ordered set of numbers that identifies a position relative to co-ordinate axes.
_P_ Procedure	_F._ A particular course of action intended to achieve a result.
_O_ Clock	_G._ A small image that is used in animations.
_T_ Event Handler	_H._ A security person hired for special events (aka a "bouncer").
_Q_ App	_I._ An application.
_G_ Sprite	_J._ WTF? What does a brand of pop have to do with computer science?
_B_ Pixel	_K._ A component that contains other components used for animations.
_W_ Execute	_L._ To put to death. Insert name of deserving victim here: ___Nobody I Know___
_K_ Canvas	_M._ Some extremely irresponsible students use washroom walls as if they were this.
_X_ Timer Event	_N._ A speed dating event.
_D_ Focus	_O._ A component that is used to generate the "Timer" event at regular intervals.

_P._ A block that contains zero or more instructions. These blocks are given names so that they can be executed when needed.

_Q._ A modern term for "application software," that is, a program that performs functions of interest to computer users.

_R._ An *action* that is associated with a component. "MoveTo" is an example of this.

_S._ A set of instructions that can be executed by a computer.

_T._ A procedure that is executed *automatically* in response to a specific event.

_U._ A characteristic or attribute of a component. "Text" is an example.

_V._ Something that happens while a program is running and that could cause programming instructions to be executed automatically.

_W._ Carry out an action or set of actions.

_X._ An event that is fired at regular intervals by a "Clock" component.

_Y._ An object that can be chosen from the "Palette" menu. These have properties and methods.

WANTED

For frightening children by twerking in public. All are warned to stay very far from this individual's backside as it is considered a dangerous weapon.

$0.01 Reward