Andorid Lecture 09-08-2014

Today we will use the AccelerometerSensor and TextToSpeech sensor to build a basic but very powerful App that can be used to make various type of Apps,

1) Add a Button to WorkSpace, and change it to "LetsGooMountaineers"

2) Add a "TextToSpeech" component to the work place, it is available under the media drawer.

3) Add the AccelerometerSensor to workspace, it is available in the Sensor drawer.

4) Now go to the Blocks editor

5) select the Button1.Click block

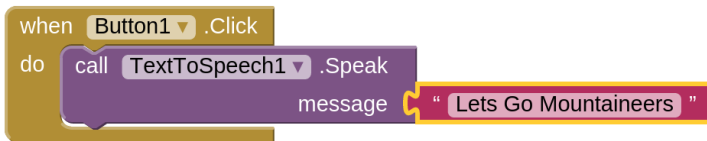6) Now select the "Call TextToSpeech1.Speak" block from the TextToSpeech bockset.
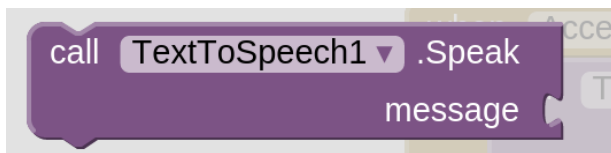

7) seclect a "Blank Text" block from the Text block set

8) Add What ever Text you would like to appear into the Blank Text as it shown below,

9) Connect the block sets as shown below

when Button1 ▾ .Click
do   call TextToSpeech1 ▾ .Speak
          message " Lets Go Mountaineers "

10) Select the "When AccelerometerSensor1.Shaking" block from the Accelerometer component.

when AccelerometerSensor1 ▾ .Shaking
do
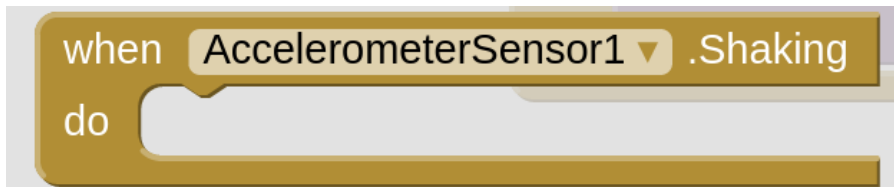
11) Now copy the "Call TextToSpeech1.Speak" block from the TextToSpeech bockset.

call TextToSpeech1 ▾ .Speak
                    message
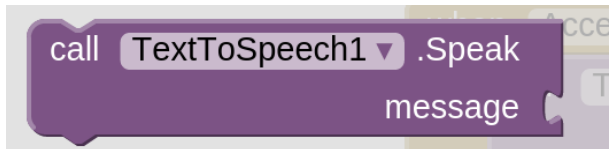
12) Again , copy the "text component block from the previous block set

" Lets Go Mountaineers "

13) Connect the blocks together as shown below.

when AccelerometerSensor1 ▾ .Shaking
do   call TextToSpeech1 ▾ .Speak
              message " Lets Go Mountaineers "
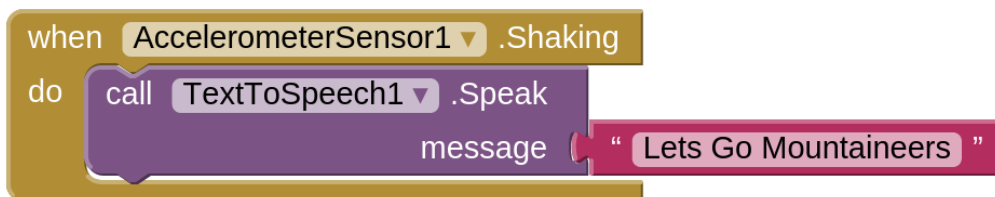
14) This will provide a voice output when phone is shaking.