

BASIC Stamp - G:\Downloads\testexamcode.bs2

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```

'test Exam Code
' ($STAMP BS2)
'Devon Feheley
'12/15/2017
' ($PBASIC 2.5)
'CheckQtiSubroutine.bs2
'Displays QTI sensor states. 0 means white surface, 1 means black

qti% VAR Nib          'qti black/white states

OUTB = %1111         'Set OUTB bits to 1

DEBUG CRSRX, 8, "FMMF", CR, 'display but positions
CRSRX, 8, "LLRR", CR

DO
GOSUB Check_Qtis      'Get QTI states
DEBUG BIN4 7 qti%, CRSRUP 'Display QTI states
PAUSE 100             '1/10 s delay
LOOP

Check_Qtis:
'result -> qti% variable. 0 means white surface, 1 means black surface

DIRB = %1111         'P7..P4 -> output
PAUSE 0              'Delay = 230 us
DIRB = %0000         'P7..P4 -> input
PAUSE 0              'Delay = 230 us
qti% = INB           'store QTI outputs in INB
RETURN
  
```

BASIC Stamp files (*.bs1;*.bas;*.bs2;*.bse;*.box;*.bsp;*.bpe;*)

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