

WHO IS THE STRONGEST?

Define forcegame()=

Prgm
f=0

Disp "Maximum Force with TI-Nspire CX"

© Sensor connection (50N)
Send "CONNECT VERNIER 1 TO IN1 AS FORCE50"
fmaximaglobal=-3

Lbl menu
Disp "(1) Play / (2) Exit "
key=getKey(1)

If key="1" Then
© Waiting cycle
Disp "Wait. Next round in 5 seconds."
Wait 2
For i,1,3
 cont=4-i
 Disp cont,"..."
 Wait 1
EndFor
Disp "Go!"

© Force measurement
fmaxima=-3
For i,1,15
 Send "READ VERNIER 1"
 Get f
 f=abs(f)
 Disp "F= ",round(f,2)

© If force > forcemax_player then save value
If f>fmaxima Then
 fmaxima=f
EndIf
EndFor

Disp "Maximum force ",round(fmaxima,2)
© If forcemax_player > forcemax_global then save value
If fmaxima>fmaximaglobal Then
 fmaximaglobal=fmaxima
 RequestStr "Congratulations, new record! Name",nome
EndIf

Goto menu
EndIf

Disp "Congratulations",nome,"you are the big winner!"
EndPrgm