

# Micro:bit Project Sheet 17 MS TOUCH

## Success Criteria

- Be able to send data to a host PC over the serial UART in CSV table

## MS Touch Developer

**script** Serial-MT-using export

**function** main ()

! ⏏ micro:bit recorder → record

{ input → on button pressed(A) **do**

{ ⏏ micro:bit recorder → stop

**end**

{ input → on button pressed(B) **do**

{ ⏏ micro:bit recorder → export

**end**

**end** function

## Example Output

```
time    ax    ay    az
0       -128  864  512
480     -128  864  512
540     -144  864  512
1020    -144  864  512
1080    -128  864  512
1560    -128  864  512
1620    -128  864  512
2100    -128  864  512
2160    -128  864  512
2640    -128  864  512
2700    -128  864  512
3180    -128  864  512
3240    -128  864  512
3720    -128  864  512
3780    -128  864  512
4260    -128  864  512
4320    -128  864  512
4800    -128  864  512
4860    -128  864  512
5340    -128  864  512
5400    -128  864  512
5880    -128  864  512
```

## Testing

- Is connection made (Serial 115200 check your com port in Windows)
- Does your console receive the data?
- Is it displayed in a table

## Notes

#1 you will need to install the serial driver for Windows (see hints and tips page)

#2 You will need to install a serial console to receive the data—eg PuTTY (see hints and tips page)

#3 You will need to add the **recording and serial** libraries n touch developer