



# Interfacing with Cockpit

Mr Ricky Tan



**WARNING**

**TECHIE STUFF  
AHEAD**

## Overview

1. Generate OPM file
2. Copy RiTSonline data from email
3. Paste into RiTSonlineConvertOPM helper file
4. Copy/Paste converted data back into OPM file
5. Upload OPM file data into cockpit

# OPM File

[illegible]

2b. Copy values from Column B(2.)

3b. Paste VALUES  
into 1.6/2.4 Timing  
Column

3a. Make sure dates are entered

3b. Paste VALUES into 1.6/2.4 Timing Column

# 1. Generate OPM File

School Cockpit Applications - Windows Internet Explorer

http://schoolcockpit.moe.gov.sg/CP/scapp/security

File Edit View Favorites Tools Help

School Cockpit Applications

TAN PEE LOON Home | Reports | **Templates** | SC Info Portal | Useful Links | Site Map | Log Out Search:

**school COCKPIT plus**  
In Touch. In Time.

My Activity List  
Customise my list

**Do You Know?**

**PFT Management**  
There is an Offline Processing Module (OPM) and the following templates are available:

- OPM CCA Template
- OPM Testimonial Entry Template
- OPM PFT and Wt.Ht.Excel Template

The data in the completed template can then be uploaded to SC.

Available from: **School Cockpit > Templates**

◀ Previous Next ▶

**Net Asia SMART50**

**Important Announcement**

**School Cockpit Operating Hours:**

- 24 hours daily (except on Mondays from 1am to 4am)

Please note that although the SC system remains operational on weekdays from 7pm to 7am the following day, services may slow down

**My Students**

- **My Form Class:** S4-B
- **Update Results (Form Class)**  
No Subject assigned under Teacher Assignment
- **Update Results (Subjects I Teach)**  
No Subject assigned under Teacher Assignment

**Ministry of Education SINGAPORE**

**My Bookmarks**  
No bookmarks found

**Message Centre**

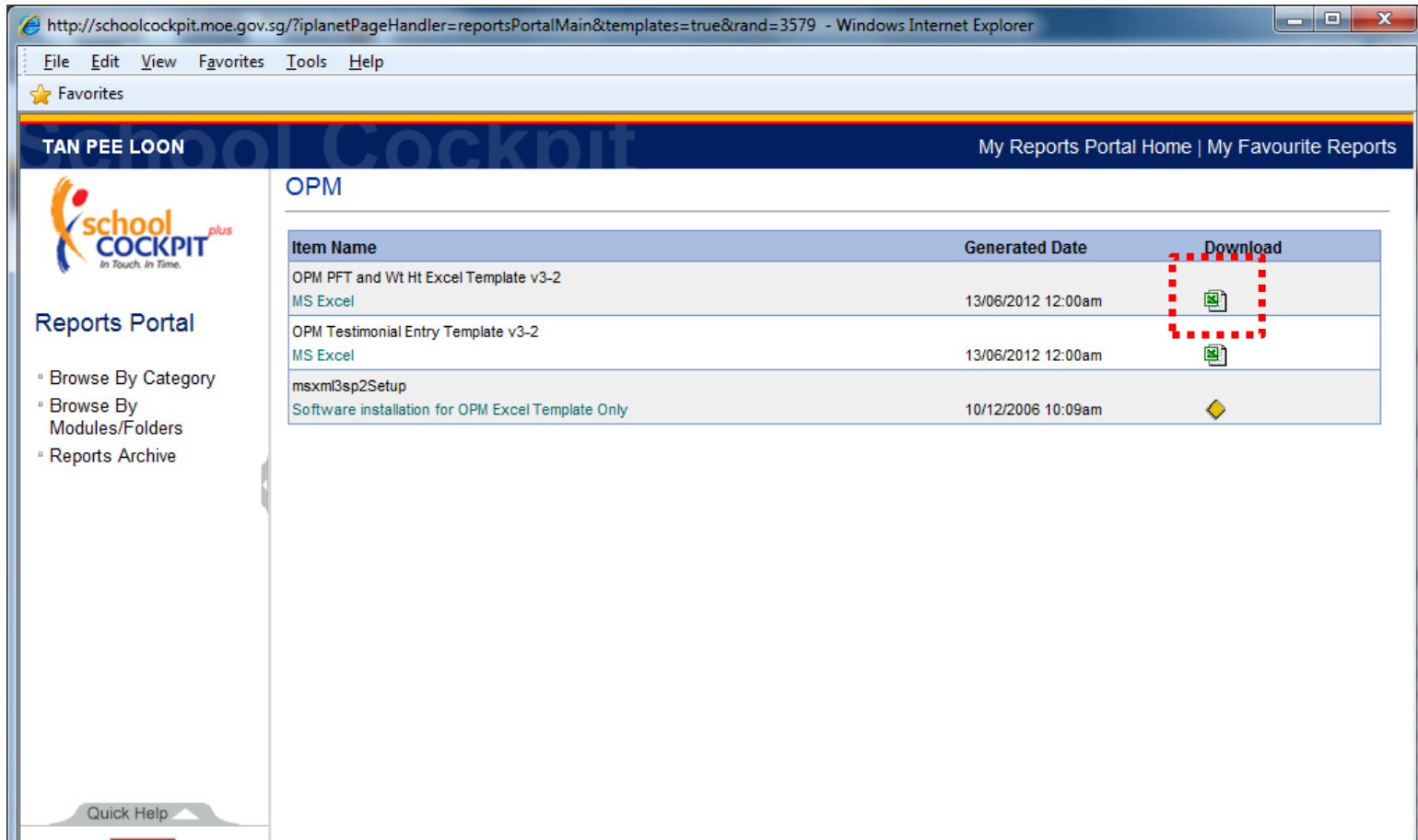
- The Overseas excursion plan: TAMAN NEGARA MALAYSIA IMMERSION, has been E-registered. Please remember to fill in the required information and set the status to Completed.
- You have been assigned as the Teacher in Charge for Overseas Excursion Plan: TAMAN NEGARA MALAYSIA IMMERSION. Please remember to complete the details through the Overseas Excursion management and set the status to E-Register once the plan has been e-registered in the MFA site.
- You have been assigned as the Teacher in Charge for Overseas Excursion Plan: TAMAN NEGARA MALAYSIA IMMERSION.

Done




Trusted sites | Protected Mode: Off

100%

# 1. Generate OPM File

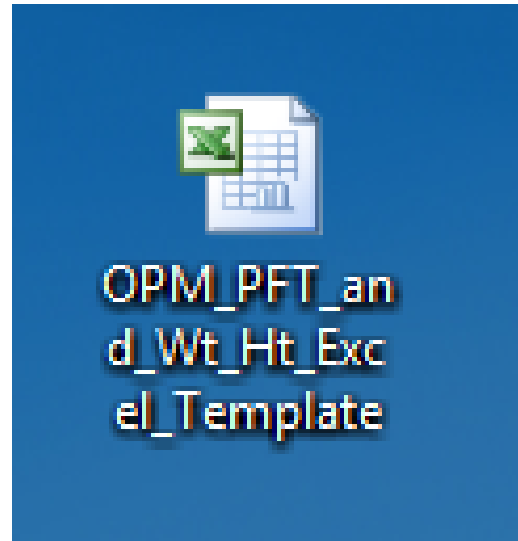


The screenshot shows a web browser window displaying the School Cockpit Reports Portal. The page title is "TAN PEE LOON" and the URL is "http://schoolcockpit.moe.gov.sg/?iplanetPageHandler=reportsPortalMain&templates=true&rand=3579". The page has a navigation bar with "My Reports Portal Home" and "My Favourite Reports". The main content area is titled "OPM" and contains a table with the following data:

Item Name	Generated Date	Download
OPM PFT and Wt Ht Excel Template v3-2 <a href="#">MS Excel</a>	13/06/2012 12:00am	
OPM Testimonial Entry Template v3-2 <a href="#">MS Excel</a>	13/06/2012 12:00am	
msxml3sp2Setup Software installation for OPM Excel Template Only	10/12/2006 10:09am	

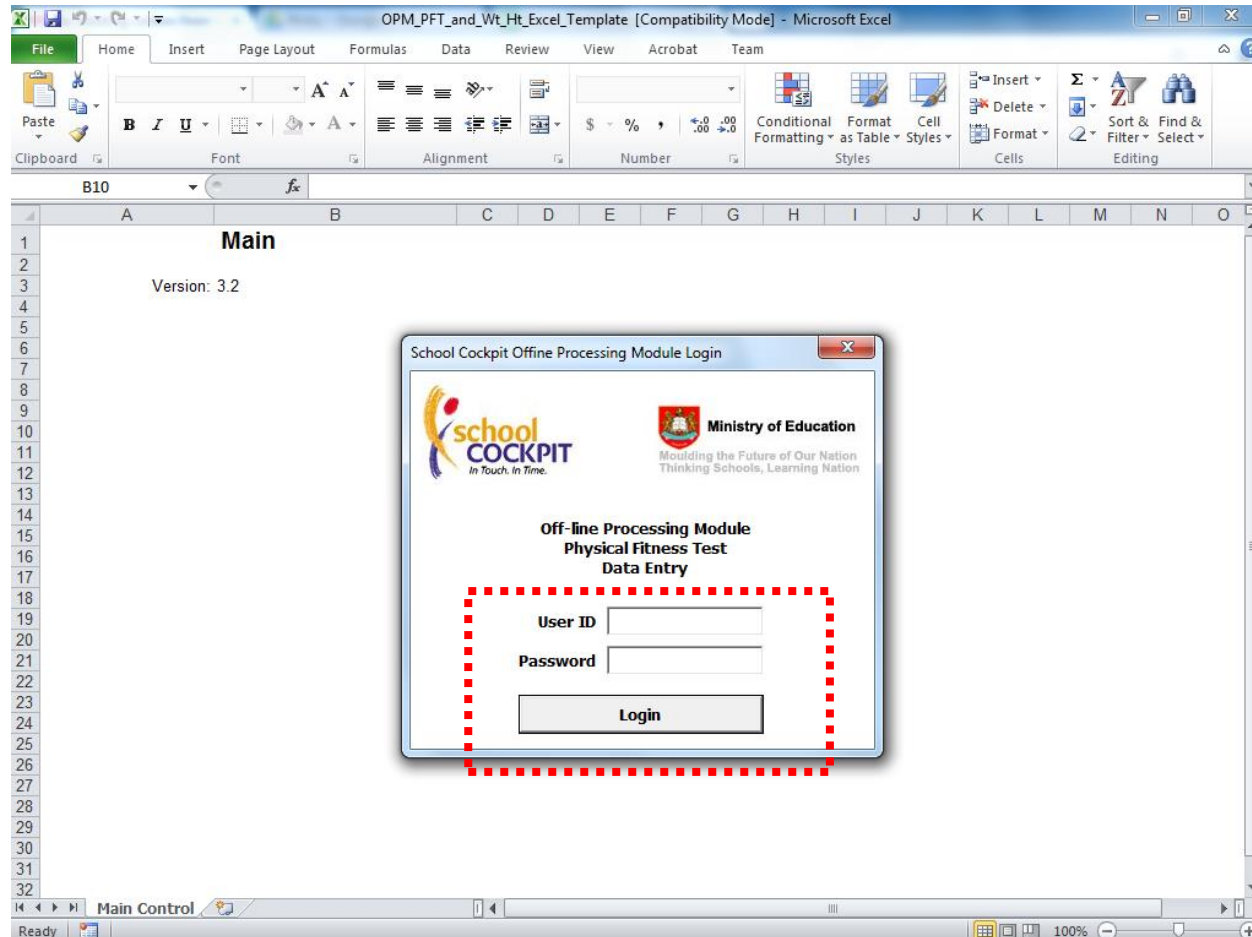
The "Download" column header and the first two download icons are highlighted with a red dashed box. The left sidebar contains the "School COCKPIT plus" logo and a "Reports Portal" section with links to "Browse By Category", "Browse By Modules/Folders", and "Reports Archive". A "Quick Help" button is located at the bottom left.

# 1. Generate OPM File



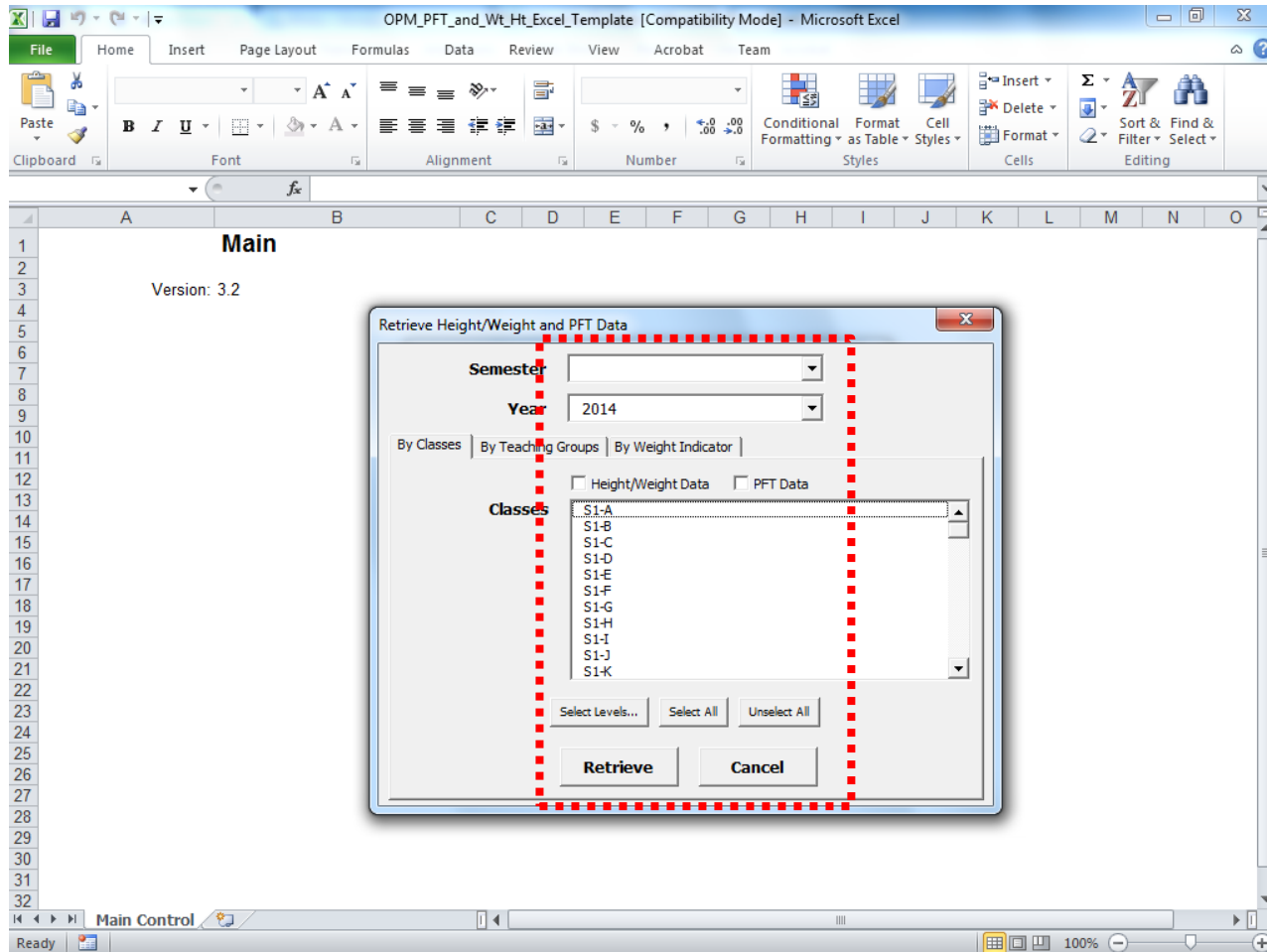
*1<sup>st</sup> File  
Generator  
ONLY!*

# 1. Generate OPM File

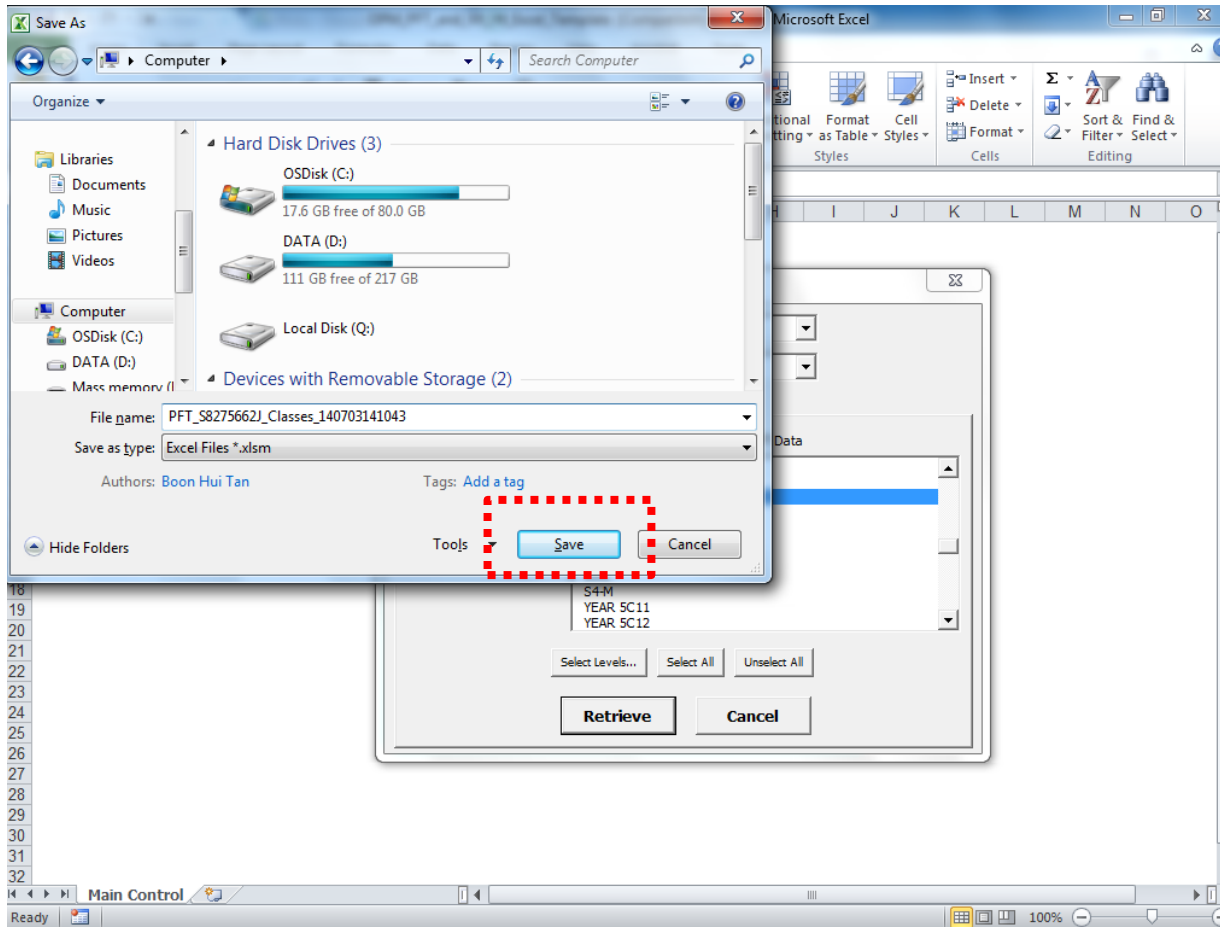




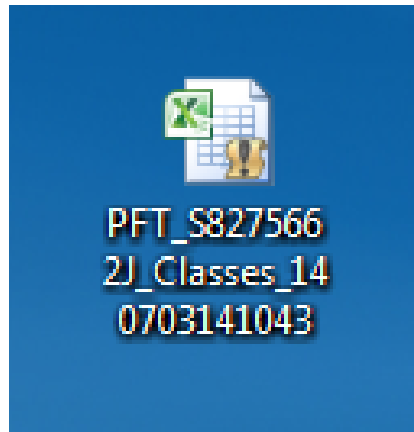
# 1. Generate OPM File



# 1. Generate OPM File



# 1. Generate OPM File



*2<sup>nd</sup> File  
Actual File  
to use*

## Overview



1. Generate OPM file

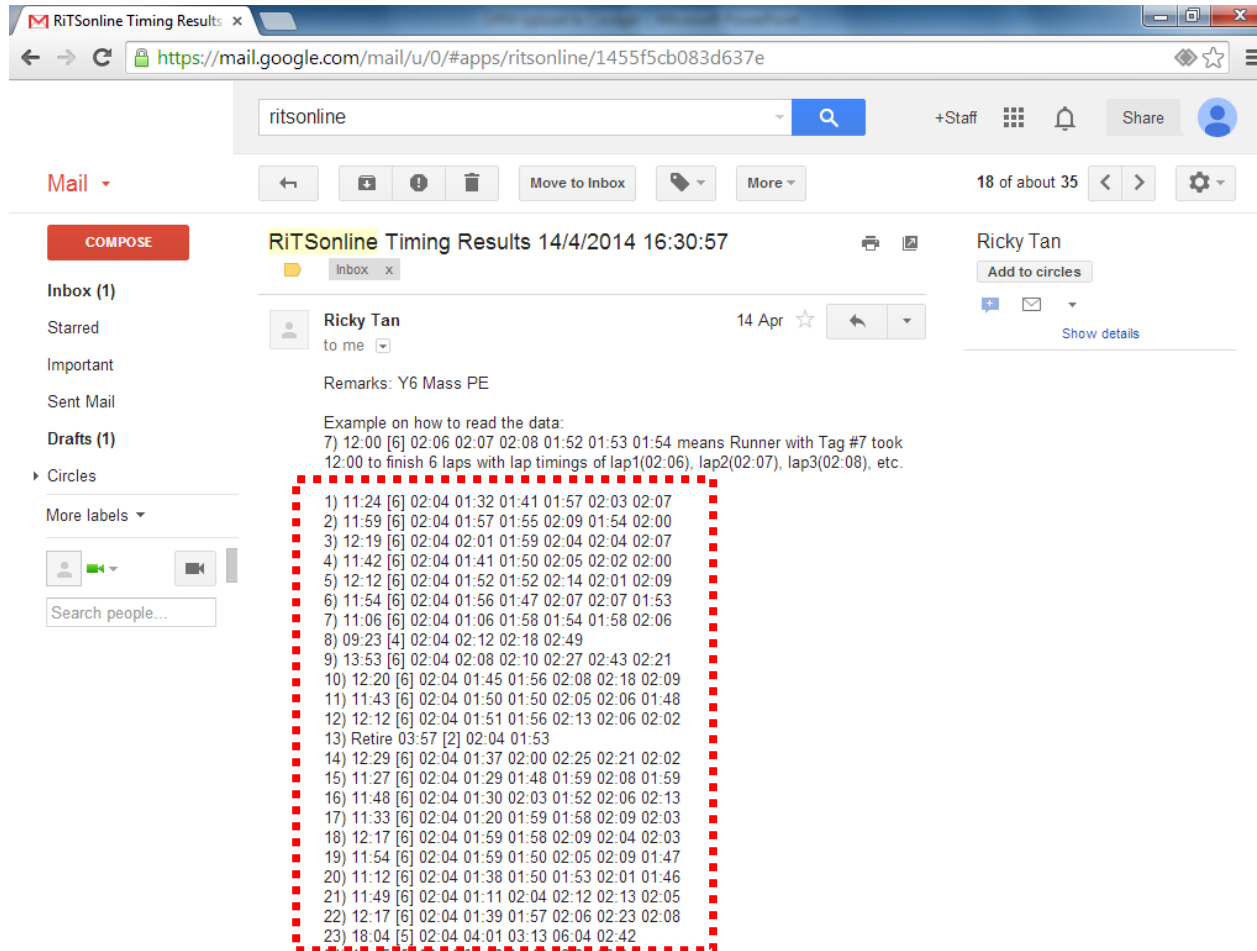
2. Copy RiTSonline data from email

3. Paste into RiTSonlineConvertOPM  
helper file

4. Copy/Paste converted data back into  
OPM file

5. Upload OPM file data into cockpit

## 2. Copy RiTSonline data from email



**RiTSonline Timing Results 14/4/2014 16:30:57**

**Ricky Tan**  
to me

Remarks: Y6 Mass PE

Example on how to read the data:  
7) 12:00 [6] 02:06 02:07 02:08 01:52 01:53 01:54 means Runner with Tag #7 took 12:00 to finish 6 laps with lap timings of lap1(02:06), lap2(02:07), lap3(02:08), etc.

1) 11:24 [6] 02:04 01:32 01:41 01:57 02:03 02:07  
2) 11:59 [6] 02:04 01:57 01:55 02:09 01:54 02:00  
3) 12:19 [6] 02:04 02:01 01:59 02:04 02:04 02:07  
4) 11:42 [6] 02:04 01:41 01:50 02:05 02:02 02:00  
5) 12:12 [6] 02:04 01:52 01:52 02:14 02:01 02:09  
6) 11:54 [6] 02:04 01:56 01:47 02:07 02:07 01:53  
7) 11:06 [6] 02:04 01:06 01:58 01:54 01:58 02:06  
8) 09:23 [4] 02:04 02:12 02:18 02:49  
9) 13:53 [6] 02:04 02:08 02:10 02:27 02:43 02:21  
10) 12:20 [6] 02:04 01:45 01:56 02:08 02:18 02:09  
11) 11:43 [6] 02:04 01:50 01:50 02:05 02:06 01:48  
12) 12:12 [6] 02:04 01:51 01:56 02:13 02:06 02:02  
13) Retire 03:57 [2] 02:04 01:53  
14) 12:29 [6] 02:04 01:37 02:00 02:25 02:21 02:02  
15) 11:27 [6] 02:04 01:29 01:48 01:59 02:08 01:59  
16) 11:48 [6] 02:04 01:30 02:03 01:52 02:06 02:13  
17) 11:33 [6] 02:04 01:20 01:59 01:58 02:09 02:03  
18) 12:17 [6] 02:04 01:59 01:58 02:09 02:04 02:03  
19) 11:54 [6] 02:04 01:59 01:50 02:05 02:09 01:47  
20) 11:12 [6] 02:04 01:38 01:50 01:53 02:01 01:46  
21) 11:49 [6] 02:04 01:11 02:04 02:12 02:13 02:05  
22) 12:17 [6] 02:04 01:39 01:57 02:06 02:23 02:08  
23) 18:04 [5] 02:04 04:01 03:13 06:04 02:42

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# 4. Copy/Paste converted data back into OPM file

RiTSOnlineConvertOPM - Microsoft Excel

Formula Bar: `=IF(ISERROR(FIND("Retire",$A2)),CONCATENATE(MID($A2,FIND("[", $A2)-6,2),MID($A2,FIND("[", $A2)-3,2)),"")`

	A	B
1	1. Copy and paste timings from email into this column	2. Copy and Paste <u>VALUES</u> from this column into OPM
2	1) 11:24 [6] 02:04 01:32 01:41 01:57 02:03 02:07	1124
3	2) 11:59 [6] 02:04 01:57 01:55 02:09 01:54 02:00	1159
4	3) 12:19 [6] 02:04 02:01 01:59 02:04 02:04 02:07	1219
5	4) 11:42 [6] 02:04 01:41 01:50 02:05 02:02 02:00	1142
6	5) 12:12 [6] 02:04 01:52 01:52 02:14 02:01 02:00	1212
7	6) 11:54 [6] 02:04 01:56 01:47 02:07 02:07 01:55	1154
8	7) 11:06 [6] 02:04 01:06 01:58 01:54 01:58 02:00	1106
9	8) 09:23 [4] 02:04 02:12 02:18 02:49	0923
10	9) 13:53 [6] 02:04 02:08 02:10 02:27 02:43 02:24	1353
11	10) 12:20 [6] 02:04 01:45 01:56 02:08 02:18 02:09	1220
12	11) 11:43 [6] 02:04 01:50 01:50 02:05 02:06 01:48	1143
13	12) 12:12 [6] 02:04 01:51 01:56 02:13 02:06 02:02	1212
14	13) Retire 03:57 [2] 02:04 01:53	
15	14) 12:29 [6] 02:04 01:37 02:00 02:25 02:21 02:02	1229
16	15) 11:27 [6] 02:04 01:29 01:48 01:59 02:08 01:49	1127
17	16) 11:48 [6] 02:04 01:30 02:03 01:52 02:06 02:03	1148
18	17) 11:33 [6] 02:04 01:20 01:59 01:58 02:09 02:03	1133
19	18) 12:17 [6] 02:04 01:59 01:58 02:09 02:04 02:03	1217
20	19) 11:54 [6] 02:04 01:59 01:50 02:05 02:09 01:47	1154
21	20) 11:12 [6] 02:04 01:38 01:50 01:53 02:01 01:46	1112
22	21) 11:49 [6] 02:04 01:11 02:04 02:12 02:13 02:05	1149
23	22) 12:17 [6] 02:04 01:39 01:57 02:06 02:23 02:08	1217

Sheet1 Sheet2 Sheet3

Ready 100%

1. Copy data from email message

2a. Paste data into Column A(1.)

3a. Make

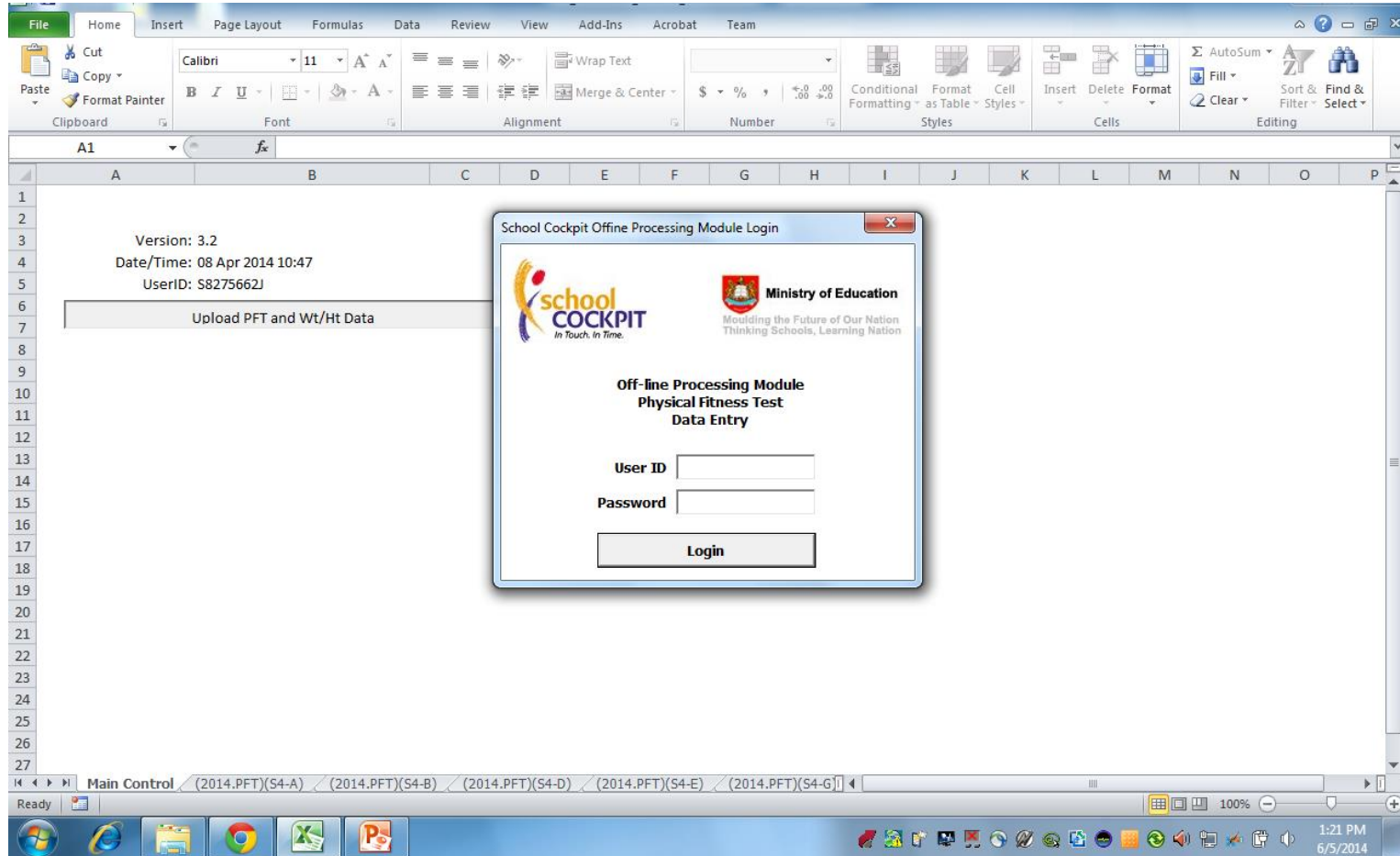
3b. Paste



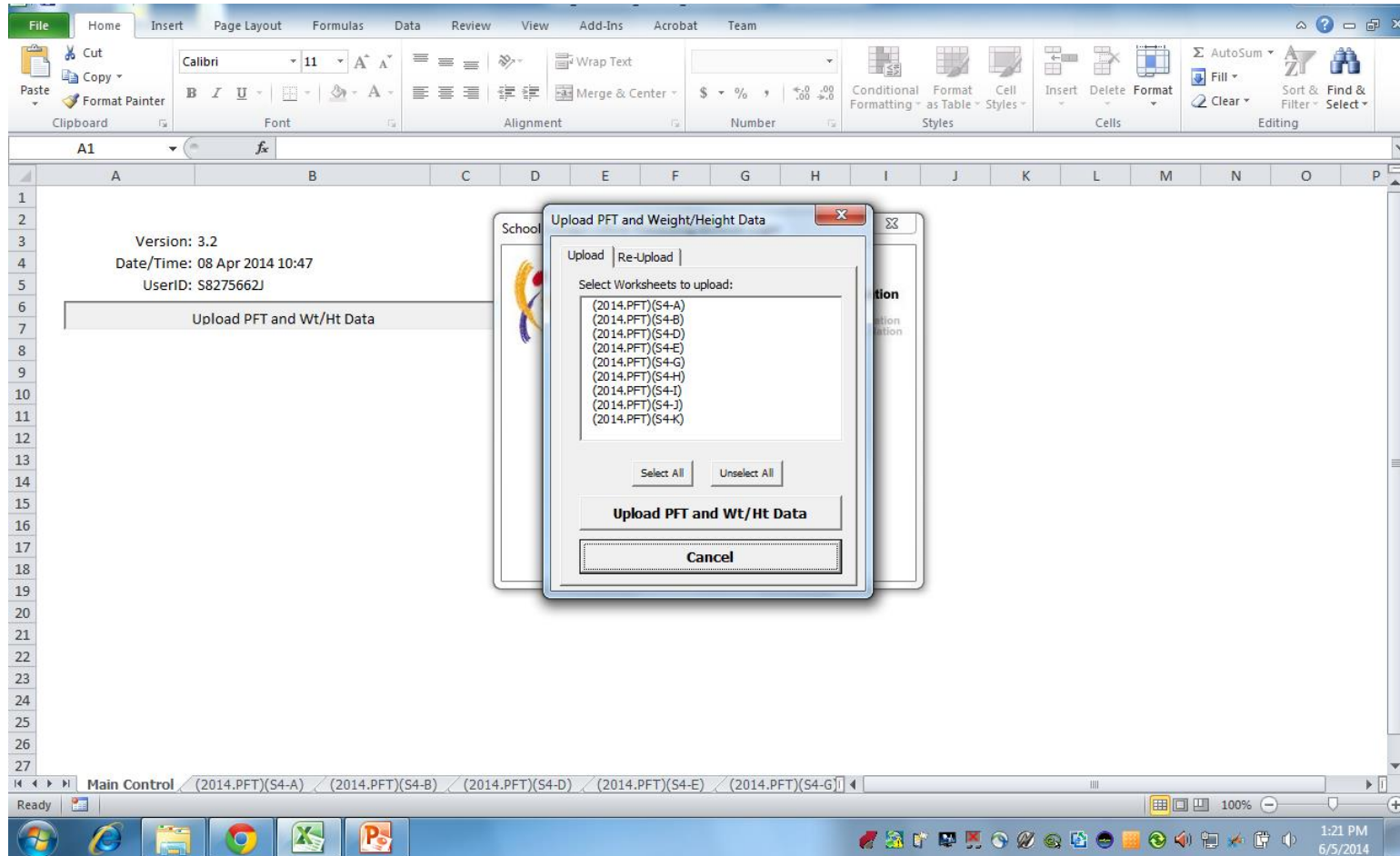
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# 5. Upload OPM file data into cockpit



# 5. Upload OPM file data into cockpit



# 5. Upload OPM file data into cockpit

The screenshot shows a Microsoft Excel spreadsheet with a table of student data. A modal dialog box titled "Upload PFT and Weight/Height Data" is open in the center of the screen. The table contains columns for student information, test results, and shuttle run times. The data is organized into rows, with some rows highlighted in yellow and others in blue. The dialog box is a simple white rectangle with a title bar and a close button.

Reg No	Student	Gender	Date of Birth	Test Date (Yrs/Mths)	Attd. Status	Shuttle Run (secs)	1.6/2.4 km Run (Pts/mm:ss)	Total Pts	Award	Status				
1	ANNADINE YEO SHU HUI	F	3 May 98	15/11	P 14	11.6	4 14:45	2.4 4 19	B	OK				
2	CHARISSA TAN	F	19 Jan 98	16/2	P 14	11.4	4	2.4		P				
3	CHEAH SI QI ALYSON	F	2 Aug 98	15/8	L 14			2.4	L	OK				
4	CHERYL LIM JIA EN	F	1 Nov 98	15/5	P 14	12.0	3	2.4		P				
5	CHEW SI HUI	F	5 Jul 98	15/9	P 14	12.0	3 17:15	2.4 1 11	B	OK				
6	CLARA HO XUAN YI	F	1 Apr 98	16/0	P 14	10.6	5	2.4		P				
7	SHUEN	F	14 Aug 98	15/8	P 14	12.1	2	2.4		P				
8	ER XIN HUI	F	20 Oct 98	15/5	P 14	12.1	2	2.4		P				
9	ESTHER NG KE HAN	F	29 Apr 98		P					O2				
10	GUO XIAO FEI	F	1 Feb 96	18/2	P 14	12.1	2 14:41	2.4 4 15	N	OK				
11	JAMIE LEO JIAYING	F	28 Aug 98	15/7	P 14	10.8	5 17:22	2.4 1 18	B	OK				
12	JASMINE SEAH YONG YEE	F	17 Jul 98	15/8	P 14 Apr 14	25	3 158	2 43	4 3 IPU 1	12.4	2 15:40	2.4 3 15	B	OK
13	JOY ONG JIAN NING	F	13 Sep 98	15/7	P 14 Apr 14	36	5 175	4 41	3 5 IPU 1	10.8	5 16:59	2.4 2 20	B	OK
14	KELLY GAN	F	6 Mar 98	16/1	P 14 Apr 14	32	5 157	1 43	3 17 IPU 4	11.3	4	2.4		P
15	LAM HUI CHYI	F	23 Apr 98	15/11	P 14 Apr 14	32	5 179	4 44	4 5 IPU 1	11.6	4	2.4		P
16	LAW XIAO XUAN	F	14 Sep 97	16/7	P 14 Apr 14	35	5 175	3 44	4 5 IPU 1	11.4	4 17:24	2.4 1 18	B	OK
17	LI SI MIAO	F	3 Jul 98		L									O2
18	LOW LEE YONG RACHEL	F	1 Sep 98	15/7	P 14 Apr 14	37	5 158	2 41	3 11 IPU 3	11.4	4 14:53	2.4 4 21	S	OK
19	NG HUI SI MEGAN	F	4 Jun 98	15/10	P 14 Apr 14	17	1 183	5 45	4 3 IPU 1	11.1	5 14:21	2.4 4 20	B	OK



# 5. Upload OPM file data into cockpit

The screenshot shows a Microsoft Excel spreadsheet with a data table. A dialog box titled "Upload PFT and Weight/Height Data" is open, displaying a message about job IDs and a status check. The background spreadsheet contains student data with columns for Name, Gender, Birth, Age, and various test scores.

**Dialog Box Message:**

```

9 job(s) created with Job IDs starting from 00000000883516. There is/are currently
0 job/job(s) in front of your job/job(s). Please check the status(es) of the job(s) via
My Jobs page in School Cockpit system.
  
```

**Spreadsheet Data (Columns: No, Student, Gender, Birth, Age as on, Test Date, Att, Run, Total, Status):**

No	Student	Gender	Birth	Age as on	Test Date	Att	Run	Total	Status
1	CHARLENE CHIA CUI TING	F	11 Oct 98	15/5			2.4	5	OK
2	CHEN YUSHUANG	F	20 Jun 97	16/9			2.4	3	OK
3	CHEW PIN YU	F	2 Jul 98	15/9			2.4	5	OK
4	CHNG SHI QI MAVIS	F	13 Jan 98	16/2			2.4	5	OK
5	CHOO WEN TING	F	15 Jan 98	16/2			2.4	5	OK
6	CHUNG JIA CHIEN	F	15 Dec 98	15/3			2.4	4	OK
7	JASLYNN LAI YI LOO	F	4 Nov 98	15/4			2.4	2	OK
8	JUNE TAN HUI SHAN	F	26 Sep 98	15/6			2.4	5	OK
9	JUSTLYN YEO JING HUI	F	16 Feb 98	16/1			2.4	5	OK
10	KHOR YUAN ZHI	F	24 Apr 98	15/11			2.4	2	OK
11	LAU ZHAU YUE	F	17 Jun 98	15/9			2.4	4	OK
12	PEH LYDIA	F	23 Sep 98	15/6			2.4	2	OK
13	SEAH ZHI YI CHARLOTTE	F	13 Jul 98	15/8			2.4	0	OK
14	TAN XIN EN	F	10 Sep 98	15/6			2.4	5	OK
15	TAN YING QI	F	18 Sep 98	15/6			2.4	5	OK
16	TANG XINRAN	F	17 Aug 97	16/7			2.4	5	OK
17	TOH JIA NING ALYSSA	F	31 Dec 98	15/3			2.4	5	OK
18	XING XINRAN	F	17 Aug 97	16/7			2.4	4	OK
19	YAU WENYUN	F	21 Dec 98	15/3			2.4	4	OK

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