Computer Science	COMPSCI 111/111G — Mastering Cyberspace

Spreadsheet 02
Exercise Sheet

Examine the following spreadsheet that keeps track of beetle races. Each beetle is involved in three races, and the time it took to cross the finish line is recorded. The best time out of the three races is calculated and will be used to determine the overall winner. Some races are aborted before the beetle finishes, so no time is recorded. Occasionally, a beetle will escape from the track, and is therefore disqualified from the races (recorded as a "D").

	A	B	C	D	E
1		**Beetle racing**			
2			**Race**		
3	**Beetle**	**1**	**2**	**3**	**Best**
4	George	12		46	12
5	John		43	35	35
6	Paul		32	33	32
7	Ringo	19	28	D	Disqualified
8	Juice	23	13		13
9	VW	34	D		Disqualified

Exercise 1: Write down the formula used in cell E4?

The spreadsheet below is used to record the costs for Movie tickets.

	A	B	C	D	E	F	G	H
1				**Movie Prices**				
2	Day	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
3	Price	$ 10.00	$ 7.50	$ 10.00	$ 12.00	$ 12.00	$ 14.00	$ 14.00
4								
5	Name	Day	Cost					
6	John	Wed						
7	Fred	Thur						
8	Sue	Mon						

Exercise 2: What formula would be used in cell C6?

The following spreadsheet is used to generate an invoice for a T-Shirt company. Examine the spreadsheet and answer the questions below:

	A	B	C	D	E	F
1	**T-Shirt Sizes**				**T-Shirt Prints**	
2	**Size**	**Price**			**Code**	**Description**
3	S	$ 10.99			1001	2 + 2 = 5
4	M	$ 11.99			1010	geek inside
5	L	$ 12.99			1011	<BODY>
6	XL	$ 13.99			1100	man woman
7	XXL	$ 14.99			1101	obey gravity
8	XXXL	$ 15.99			1110	I'm blogging this
9					1111	Arrrrrggh...
10						
11						
12						
13				**Invoice**		
14	**Code**	**Size**	**Number**	**Description**	**Price**	**Cost**
15	1010	M	1	geek inside	$ 11.99	$ 11.99
16	1010	L	1	geek inside	$ 12.99	$ 12.99
17	1011	S	3	<BODY>	$ 10.99	$ 32.97
18	1110	XL	1	I'm blogging this	$ 13.99	$ 13.99
19	1001	XL	1	2 + 2 = 5	$ 13.99	$ 13.99
20	1101	M	2	obey gravity	$ 11.99	$ 23.98
21	1111	M	1	Arrrrrggh...	$ 11.99	$ 11.99
22						
23						
24						
25						
26					Total	$ 121.90

Exercise 3: What formulae should be used in cell D15?

Exercise 4: What formulae should be used in cell E15?

Exercise 5: What formulae should be used in cell F15?

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