

第 50 屆全國技能競賽暨第 46 屆 國際技能競賽國手第一階段選拔賽



資訊技術（軟體設計）職類 競賽試題及評分彙總表

競賽及評分項目

<input type="checkbox"/> 商業資料建置 EngTyping	<input checked="" type="checkbox"/> 資料處理分析與簡報設計 DA&PPT Design	<input type="checkbox"/> 系統分析與資料庫設計 SA&DB Design
<input type="checkbox"/> 商用軟體設計一 Software Design 1	<input type="checkbox"/> 商用軟體設計二 Software Design 2	<input type="checkbox"/> 行動 App 設計 App Design

選 手 編 號：_____

抽籤崗位號碼：_____

選 手 姓 名：_____

總 分：_____

評 分 老 師：_____

Stage 1: Data Analysis

Scenario description:

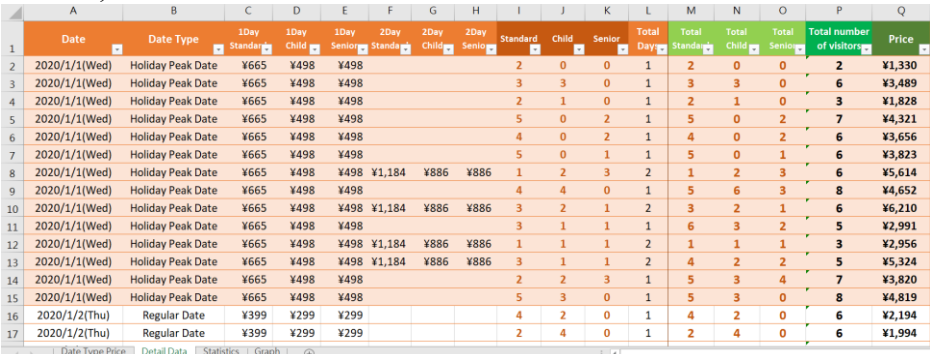
Shanghai Disneyland is located in Chuansha New Town, Pudong New District, Shanghai. It is also the most important part of Shanghai Disneyland. Construction of the park was started on April 8, 2011, and trial operation began on May 7, 2016, and officially opened at 12:00 on June 16, 2016. The park has seven major theme parks, more than 30 amusement projects, and more than 20 entertainment performances.

Since June 6, 2018, the three-tier fare system has been adopted, which are Regular Date, Peak Date and Holiday Peak Date. The fares are 399, 575 and 665 yuan in order. In RMB, children, seniors and people with disabilities can enjoy a 25% discount. Tourists can choose to purchase one-day or two-day tickets based on the number of days in the park.

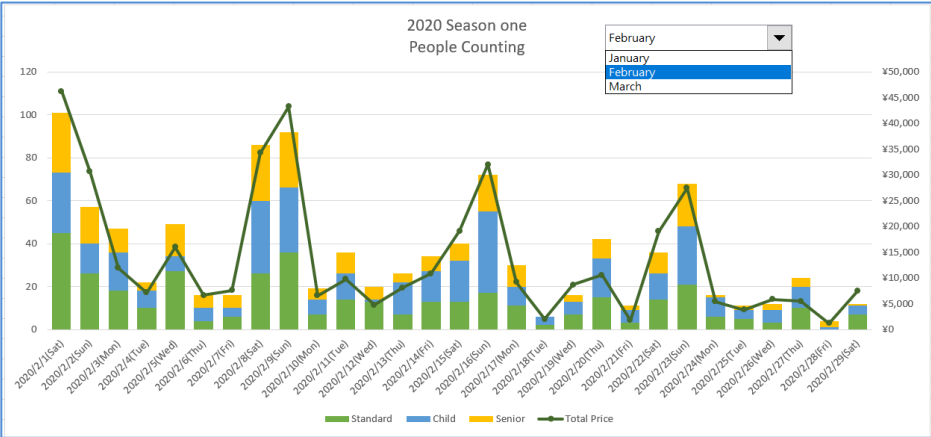
Please analyze the operation status according to the ticket purchase records provided by the park in the first quarter of 2020.

Question requirements: Please open "Shanghai Disneyland-Data.xlsx" and answer according to the instructions of the question. The completed result is archived as "Shanghai Disneyland-Answer.xlsm", and 1 point will be deducted for the wrong file name.

Data Analysis Task Descriptions	Max Score	Actual Score
Common settings for all worksheets : <ol style="list-style-type: none"> All the cells that store the date, unless there are special requirements, otherwise the cell format is unified as yyyy/MM/dd (week). Unless otherwise specified instructions, all the cells where the fare is stored will be formatted as Chinese (China) ¥ symbols in currency format and displayed to whole numbers. 	[0.5] [0.5]	[] []
Common settings Subtotal	[1.0]	[]
「Detail Data」Worksheet : If you buy a two-day ticket, you must accumulate the number of tourists on the two days. <ol style="list-style-type: none"> If Total Days is 1 day, delete all data in the fields of 2Day Standard, 2Day Child, and 2Day Senior. Formula : <ol style="list-style-type: none"> 「Total Standard」field : Count the number of adult tourists on 2 days between 1Day and 2Day. 「Total Child」field : Count the number of children tourists on 2 days between 1Day and 2Day. 	[2.5] [2.5] [2.5]	[] [] []

Data Analysis Task Descriptions	Max Score	Actual Score
<p>(3) 「Total Senior」 field :</p> <p>Count the number of elderly tourists on 2 days between 1Day and 2Day.</p> <p>(4) 「Total Number of Visitors」 field :</p> <p>Add up 1Day and 2Day, the total number of visitors for 2 days.</p> <p>(5) 「Price」 field :</p> <p>Count the total amount of each ticket purchased.</p>	<p>[2.5]</p> <p>[1.0]</p> <p>[2.5]</p>	<p>[]</p> <p>[]</p> <p>[]</p>
<p>3. Set fill color :</p> <p>(1) If it is Holiday Peak Date, fill the color with "orange, accent color 2, lighter 80%".</p> <p>(2) If it is Peak Date, the full color is "blue, secondary color 5, lighter 80%".</p> <p>(3) If it is a Regular Date, the full color is "green, secondary color 6, lighter 80%".</p>	<p>[1.0]</p> <p>[1.0]</p> <p>[1.0]</p>	<p>[]</p> <p>[]</p> <p>[]</p>
<p>4. Set the data range A1~Q354 as a table, apply "Table Style Light Color 10", and the table name is "DetailTable".</p>	[1.0]	[]
		
「Detail Data」Worksheet Subtotal	[17.5]	[]
<p>「Statistics」Worksheet</p> <p>Make a daily price list based on the content of the "Date Type Price" worksheet.</p> <p>1. Formula :</p> <p>(1) 「Standard」 field :</p> <p>According to the content of the "Detail Data" worksheet, count the total number of adult tourists per day.</p> <p>(2) 「Child」 field :</p> <p>According to the content of the "Detail Data" worksheet, count the total number of children tourists per day.</p>	<p>[2.5]</p> <p>[2.5]</p>	<p>[]</p> <p>[]</p>

Data Analysis Task Descriptions							Max Score	Actual Score																																																																																																																																																
<p>(3) 「Senior」 field :</p> <p>According to the content of the "Detail Data" worksheet, count the total number of elderly tourists per day.</p> <p>(4) "Total number of visitors" field: Count the total number of all visitors every day.</p> <p>(5) 「Total Price」 field :</p> <p>Based on the content of the "Detail Data" worksheet, calculate the total amount of daily ticket purchases.</p>							[2.5]	[]																																																																																																																																																
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<p>2. Set the data range A1~G92 as a table, apply "Table Style Light Color 9", and the table name is "StatisticsTable".</p>							[1.0]	[]																																																																																																																																																
<table><tr><th></th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th></tr><tr><td>1</td><td>Date</td><td>Date Type</td><td>Standard</td><td>Child</td><td>Senior</td><td>Total number of visitors</td><td>Total Price</td></tr><tr><td>2</td><td>2020/1/1(Wed)</td><td>Holiday Peak Date</td><td>51</td><td>26</td><td>21</td><td>98</td><td>¥54,833</td></tr><tr><td>3</td><td>2020/1/2(Thu)</td><td>Regular Date</td><td>40</td><td>22</td><td>15</td><td>77</td><td>¥26,055</td></tr><tr><td>4</td><td>2020/1/3(Fri)</td><td>Regular Date</td><td>23</td><td>16</td><td>9</td><td>48</td><td>¥17,651</td></tr><tr><td>5</td><td>2020/1/4(Sat)</td><td>Regular Date</td><td>41</td><td>38</td><td>22</td><td>101</td><td>¥47,203</td></tr><tr><td>6</td><td>2020/1/5(Sun)</td><td>Regular Date</td><td>16</td><td>18</td><td>9</td><td>43</td><td>¥18,383</td></tr><tr><td>7</td><td>2020/1/6(Mon)</td><td>Regular Date</td><td>39</td><td>28</td><td>19</td><td>86</td><td>¥29,264</td></tr><tr><td>8</td><td>2020/1/7(Tue)</td><td>Regular Date</td><td>37</td><td>40</td><td>16</td><td>93</td><td>¥27,347</td></tr><tr><td>9</td><td>2020/1/8(Wed)</td><td>Regular Date</td><td>10</td><td>9</td><td>10</td><td>29</td><td>¥9,011</td></tr><tr><td>10</td><td>2020/1/9(Thu)</td><td>Regular Date</td><td>5</td><td>15</td><td>4</td><td>24</td><td>¥7,038</td></tr><tr><td>11</td><td>2020/1/10(Fri)</td><td>Regular Date</td><td>4</td><td>6</td><td>6</td><td>16</td><td>¥5,184</td></tr><tr><td>12</td><td>2020/1/11(Sat)</td><td>Regular Date</td><td>20</td><td>6</td><td>13</td><td>39</td><td>¥18,047</td></tr><tr><td>13</td><td>2020/1/12(Sun)</td><td>Regular Date</td><td>47</td><td>36</td><td>30</td><td>113</td><td>¥54,293</td></tr><tr><td>14</td><td>2020/1/13(Mon)</td><td>Regular Date</td><td>18</td><td>10</td><td>21</td><td>49</td><td>¥12,471</td></tr><tr><td>15</td><td>2020/1/14(Tue)</td><td>Regular Date</td><td>5</td><td>4</td><td>1</td><td>10</td><td>¥4,967</td></tr><tr><td>16</td><td>2020/1/15(Wed)</td><td>Regular Date</td><td>7</td><td>11</td><td>5</td><td>23</td><td>¥5,682</td></tr><tr><td colspan="8">Date Type Price Detail Data Statistics Graph +</td></tr></table>								A	B	C	D	E	F	G	1	Date	Date Type	Standard	Child	Senior	Total number of visitors	Total Price	2	2020/1/1(Wed)	Holiday Peak Date	51	26	21	98	¥54,833	3	2020/1/2(Thu)	Regular Date	40	22	15	77	¥26,055	4	2020/1/3(Fri)	Regular Date	23	16	9	48	¥17,651	5	2020/1/4(Sat)	Regular Date	41	38	22	101	¥47,203	6	2020/1/5(Sun)	Regular Date	16	18	9	43	¥18,383	7	2020/1/6(Mon)	Regular Date	39	28	19	86	¥29,264	8	2020/1/7(Tue)	Regular Date	37	40	16	93	¥27,347	9	2020/1/8(Wed)	Regular Date	10	9	10	29	¥9,011	10	2020/1/9(Thu)	Regular Date	5	15	4	24	¥7,038	11	2020/1/10(Fri)	Regular Date	4	6	6	16	¥5,184	12	2020/1/11(Sat)	Regular Date	20	6	13	39	¥18,047	13	2020/1/12(Sun)	Regular Date	47	36	30	113	¥54,293	14	2020/1/13(Mon)	Regular Date	18	10	21	49	¥12,471	15	2020/1/14(Tue)	Regular Date	5	4	1	10	¥4,967	16	2020/1/15(Wed)	Regular Date	7	11	5	23	¥5,682	Date Type Price Detail Data Statistics Graph +									
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「Graph」Worksheet																																																																																																																																																								
<p>1. Use the contents of the "Statistics" worksheet to draw a combination chart. The number of tourists in "Standard", "Child" and "Senior" is a bar chart, "Total Price" is a line chart, and the chart title is "2020 Season one People Counting".</p>							[8.0]	[]																																																																																																																																																
<p>2. Create a drop-down menu, you can select any month from January to March, and the statistical chart of the query month will be automatically displayed.</p>							[10.0]	[]																																																																																																																																																





Data Analysis Task Descriptions	Max Score	Actual Score
		
「Graph」Worksheet Subtotal	[18.0]	[]
Total	[50]	[]





Stage 2: Presentation Design












Presentation Design Request Form 1







FILENAMES:

- Edit Document: DATA\ 1-Disney.pptx
- Import data from: DATA\ 1-Disney Resort.pptx
 \Music.mp3
 \Shanghai Disney Resort.mp4
- Save document as: ANSWER\ 1-ShanghaiDisney.pptx
- Reference as: DEMO\Demo-1.mp4

Presentation Design Task 1 Descriptions		Max Score	Actual Score
1.	Used Music.mp3 as the background music: Medium volume, fade in and fade out by 5 seconds and 10 seconds respectively. After playing 45 seconds then stops to play music.	1.0	
2.	<div>Slide 1</div>  <p>(1). Change  picture into white picture  . Its size is 3cm * 3cm as the background material picture that is used for all slides.</p> <p>(2). Set  animation, take Demo-1.mp4 for reference. Swing from left 15 degree to right 15 degree back and forth twice. Swing 1 second each times but swing back to original position finally.</p>	1.0	
3.	Take Demo-1.mp4 for reference, set the transition effects of Slide 1 to Slide 2 as the stage curtains.	1.0	

Presentation Design Task 1 Descriptions		Max Score	Actual Score
4.	Slide 2 		
	(1). Remove the background of  pictures, then move  picture to right side as shown above.	1.0	
	(2). Press  , then hyperlink to URL: www.shanghaidisneyresort.com/en	1.0	
5.	Slide 3 		
	Take Demo-1.mp4 for reference, when press any topic of the right side, it will correspond to the map of left side then draw a rounded rectangle dot line.	7.0	





Presentation Design Task 1 Descriptions		Max Score	Actual Score
6.	<p>Slide 4</p>  <p>Take Demo-1.mp4 for reference</p> <p>(1). when press  at any time, it will play the video of the Shanghai Disney Resort.mp4 in the circle for 10 seconds from 0:00 to 0:10.</p>	1.0	
	<p>(2). when press  at any time, it will play the video of the Shanghai Disney Resort.mp4 in the circle for 9 seconds from 0:11 to 0:20.</p>	1.0	
	<p>(3). when press  at any time, it will play the video of the Shanghai Disney Resort.mp4 in the circle for 11 seconds from 0:21 to 0:32.</p>	1.0	
	<p>(4). when press  at any time, it will play the video of the Shanghai Disney Resort.mp4 in the circle for 7 seconds from 0:33 to 0:40.</p>	1.0	
	<p>(5). Press  at any time, then play Slide 5-8 of 1-Disney Resort.pptx.</p> 	1.0	
	<p>(6). Press  at any time, then play Slide 9~12 of 1-Disney Resort.pptx.</p> 	1.0	
	<p>(7). Press  at any time, then play Slide 13~20 of 1-Disney Resort.pptx.</p> 	1.0	




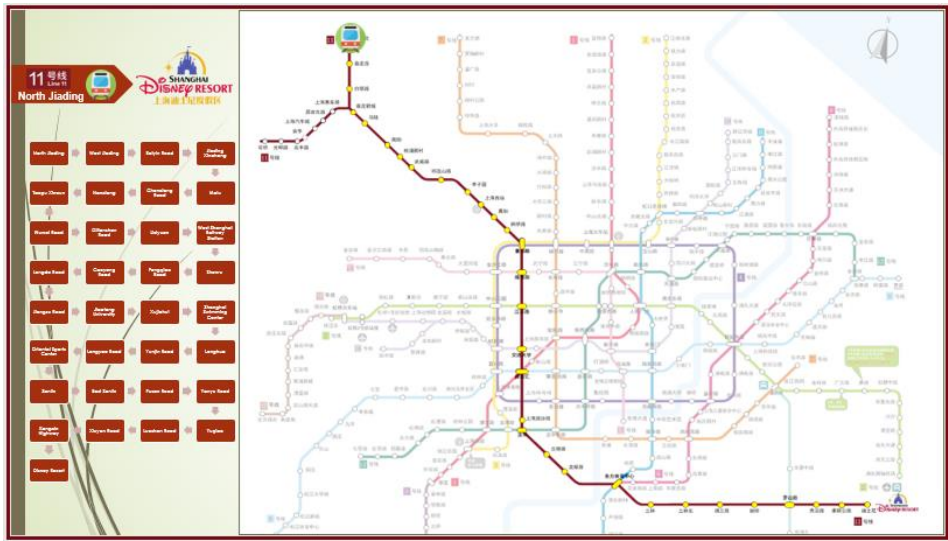

Presentation Design Task 1 Descriptions		Max Score	Actual Score
<p>(8). Press  at any time, then play Slide 21~26 of 1-Disney Resort.pptx.</p> 		1.0	
<p>(9). Press  at any time, then play Slide 27~29 of 1-Disney Resort.pptx.</p> 		1.0	
<p>(10). Press  at any time, then play Slide 30 ~ 32 of 1-Disney Resort.pptx.</p> 		1.0	
7.	The presentation only shows the first 4 slides, and the rest of the slides are hidden.	1.0	
8.	Print: paper horizontal, print all of the slides, no frame, 9 slides in one page.	1.0	
Total		26	






Presentation Design Request Form 2

FILENAMES:

- Edit Document: DATA\ 2-Metro.pptx
- Save document as: ANSWER\ 2-Shanghai Metro.pptx
- Reference as: DEMO\Demo-2.mp4

Presentation Design Task 2 Descriptions		Max Score	Actual Score
1.	Insert the slide number in the center of the  hexagon of the slide, the number is 20 points, dark red, the second slide is number 1, and so on.	1.0	
2.	Change all of the fonts of English words and the numbers into Arial.	1.0	
3.	Edit the patterns of the 15 subway lines. 	1.0	
	(1). Change the rectangle into button shape. (2). When the mouse moves on any button, it hyperlinks to the slide of corresponding theme automatically.	8.0	
4.	Edit the first slide 	1.0	
	(1). Set the Metro map transparency to 80 % then send to Bottom level. (2). Its effect is the same time as  simultaneously. the Subway enters from the left side of the slide then leaves from the right side.	1.0	

Presentation Design Task 2 Descriptions		Max Score	Actual Score
5.	<p>Edit subway photos for slide numbers 2 to 15</p>  <p>(1). Edit the slide from number 2 to number 15: Change the shape of the left slide into plaque, added outer frame, color orange, width 8.5 point, is shown as above.</p> <p>(2). Edit the slide right side's text paragraph: Change bulleted into  logo.gif, Bullets size:120% of text, Indentation: Before text 1cm, the spacing before previous paragraph is 6 pt, line spacing is at 1.1 lines.</p>	2.0	
	<p>6. Press  of slide number 11, then link to the last slide.</p>	1.0	
	<p>Edit the last slide :</p>  <p>(1). Apply the "Blank" layout of the  "Wisp" theme.</p>	1.0	

Presentation Design Task 2 Descriptions		Max Score	Actual Score
<p>(2). Insert the text of the Notes in the left side margin of the slide through using Basic Precess of the SmartArt.</p>		1.0	
<p>(3). The order of the Precess is from “North Jiading” to “Disney Resort”.</p>		2.0	
<p>(4). When click on , it will start from the  嘉定北 「North Jiading」 station to  「Disney Resort」 station along the line in 5 seconds.</p>		2.0	
<p>(5). Set when pressing , it will link to the 1-Shanghai Disney.pptx.</p>		1.0	
Total		24	

TOTAL SCORE : _____