Practical : selection statements (some extra practise)

1. Write a Java program to print the day of week name using **If.. else if** statements (i.e. if the input is 1 it outputs Sunday, 2 is Monday etc)

solution (https://canvas.qub.ac.uk/courses/11041/files/1074111/download?wrap=1) ⤓ **(https://canvas.qub.ac.uk/courses/11041/files/1074111/download?download_frd=1)**

2. Write a Java program to print the day of week name using a **switch** statement (i.e. if the input is 1 it outputs Sunday, 2 is Monday etc)

solution (https://canvas.qub.ac.uk/courses/11041/files/1074112/download?wrap=1) ⤓ **(https://canvas.qub.ac.uk/courses/11041/files/1074112/download?download_frd=1)**

3. Write a Java program to check whether a letter is vowel or consonant using a **switch** statement.

solution (switch)   (https://canvas.qub.ac.uk/courses/11041/files/1074113/download?wrap=1) ⤓ **(https://canvas.qub.ac.uk/courses/11041/files/1074113/download?download_frd=1)**

4. Write a Java program to show the following menu, prompt for a user response and handle option ... (handling the option : just output to screen the name of the option chosen e.g. When the user enters 1 the output should be output "You selected File"

```
1. File
2. Edit
3. Exit
Enter option …
```

solution (https://canvas.qub.ac.uk/courses/11041/files/1074304/download?wrap=1) ⤓ **(https://canvas.qub.ac.uk/courses/11041/files/1074304/download?download_frd=1)**

Update : it may seem trivial but software often requires changes .. the user has requested that the menu should now look like this (update your code to add the menu options and the handling options too)

1. File

2. Add

3. Edit

4. Delete

5. Exit

Enter option …

5. Create a Java program (using an IF... ELSE and then a Conditional operator) that will output "Distinction" if a project mark is over 69 otherwise "Pass".

solution (https://canvas.qub.ac.uk/courses/11041/files/1074305/download?wrap=1) ↓
(https://canvas.qub.ac.uk/courses/11041/files/1074305/download?download_frd=1)

6. Create a Java program (using an IF... ELSE IF..) to grade the projects using the following boundaries

0-49 Fail
50-59 Pass
60-69 Commendation
70-100 Wonderful

Also consider invalid input