

Informatics Institute of Technology
Department of Computing
Object Oriented Programming and Design

Module : Object-Oriented Programming and Design

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Test Cases

	Test Case	Expected Result	Actual Result	Pass/Fail
1	Select menu option	Select an option from the Menu: 1: Add a new doctor. addDoctor method should be executed. 2: Delete doctor. deleteDoctor method should be executed. 3: Print the list of doctors. printDoctor method should be executed. 4: Save in a file. saveDoctor method should be executed. 5: Graphical User Interface Open GUI. 6: Exit Stop and exit	Select an option from the Menu: 1: Add a new doctor and addDoctor method executed is done 2: Delete doctor and deleteDoctor method executed is done 3: Print the list of doctors and printDoctor method executed is done 4: Save in a file and saveDoctor method executed is done 5: Graphical User Interface and Open GUI is done 6: Exit, Stop and exit is done	Pass
2	Add a new doctor	The program should be possible to add a new doctor, with all the relevant information. You should consider that the centre can allocate a maximum of 10 doctors.	add a new doctor, with all the relevant information (centre can allocate a maximum of 10 doctors) is done	Pass
3	Delete a doctor	The program should be a medical license number. Display a message with the information of the doctor that has been deleted and the total number of doctors in the centre.	Delete doctor with medical license number is done. Display a message with the information of the doctor that has been deleted and the total number of doctors in the centre is done	Pass
4	Print the list of doctors	The program should be a consultation centre, for each doctor, print on the screen a printing stored information. The list should be ordered	print on the screen a printing stored information is done. The list ordered alphabetically according to the doctor's surname is done	Pass

		alphabetically according to the doctor's surname		
5	Save in a file	The program should be saved in a file with all the information entered by the user so far.	saved in a file with all the information entered by the user so far is done.	Pass
6	Invalid menu option	Display the wrong input and rerun the code.	Display the wrong input and rerun the code is done.	Pass
7	Integer input validation	Display Integer Required! Please enter the number And rerun the code.	Display Integer Required! (Please enter the number) And rerun the code is done.	Pass
8	Load doctor	Read back all the information.	Read back all the information is done.	Pass
9	Graphical User Interface	Open the GUI and run.	Open the GUI and run is done.	Pass
10	Exit	Exit from the program.	Exit from the program is done.	Pass
11	View the sorted doctor's list in alphabetical order.	View the sorted doctor's list in alphabetical order is done	View the sorted doctor's list in alphabetical order is done	Pass
12	Add consultation	Add consultation	Add consultation is done	Pass
13	Add patient information	Add patient information	Add patient information is done	Pass
14	Calculating the consultation cost	Consider that each consultation is £25 per hour and the first consultation is £15 per hour.	Calculating the consultation cost is done	Pass
15	Encryption of the note	this could be textual information encrypted.	Encryption of the note is done	Pass

