Instructions

To run the program the user will use the conventional run command in the terminal.

The user will then interact with the menu given to him

1) Adding employees: the user will insert the employee's details according to the requested attribute in the menu followed by pressing enter for confirmation after each insertion of the attribute.

2) Editing employee's free time: the user will fill a weekly two shift-based calendar with true or false according to the employee's availability at the given day and shift in the current week. The user will insert a boolean, meaning true or false – if the employee can work on the day of the week and the time of the shift then the user will insert true, otherwise he will insert false.

3) Adding a shift: the user will start by inserting a date in which the shift will take place. The date must be at least 1 day ahead of the current date. Then the user will insert the period in which the shift will occur – day or night (to choose day insert number '1', and for night insert '2'). After that the user will insert the branch number in which the shift will take place.
After that the user will insert a list of roles and their required amount for the shift – consider that the role "shift manager" is automatically added to the required roles list in order to satisfy the requirement which states that there will be at least 1 shift manager in each shift. To stop inserting required roles the user will insert 'stop' in place of a role name.
Following that the user will assign employees to the roles that they will fill during the shift. First insert the employee's id and then the role which he will be assigned to. In order to be able to create the shift the user must fill all the required roles for the shift. If the roles won't be filled, you'll be sent back to the menu.

4) Get shift's history: the shifts that have been created are assigned with a pre-made id, a counter which begins at 1 is increased by 1 for each shift created. Insert the shift's id to get the details.

5) Get employee's details: insert the desired employee's id and his details will be printed to the screen.

6) Quit: pressing '6' will close the program.

7) Load pre-made data: Note - you will not be able to use this function if it's not the first requested option!
By choosing this option the program will load pre-made employees and shifts and will assign the employees to the shifts. To receive info about the pre-made employees insert ids from 1 to 10 to the get employee's details function and to get the shifts information insert ids from 1 to 3 to the Get shift's history function.