**Program pseudo code:**

Create an array with all the option in the menu

Initialize arraylist to hold part time employees

Initialize arraylist to hold full time employees

Initialize arraylist to hold client served

Function mainfuction(){

Call the dashboard function

}

Function dashboarrd(){

Loop through the list with option menu to display all option

Prompt the user to enter an option

Check the option enter to determine the function to call

If option is 1

Then call function to add employee

Else if option is 2

Then call function to add service

Else if option is 3

Then call function to service a client

Else if option is 4

Then call function to record part timer worked hours

Else if option is 5

Then call function to view records

Else

Exit the program

}

Function addEmployee(){

prompt the user to select if the employee is a part time or full time employee

Prompt the user to enter Employee name and the salary per hour

Print a success message to the user

Provide user with option to either go back to main menu or add another employee

}

Function addService(){

Prompt the user to enter the service name

Prompt the user to enter the price for those clients under the age of sixteen

Prompt the user to enter price for those clients above age 16

Print a success message to the user

Provide user with option to either go back to main menu or add another service

}

Function serviceClient(){

Check first if the arraylist of services offered has values

If arraylist has no value

Then exit back to main menu

Else

Prompt user to Select the service the client wants

Prompt user to Enter client name and the age

Save the client details into the arraylist

Print a success message to the user

Provide user with option to either go back to main menu or Serve another client.

}

Function recordPartTime(){

Check first if the list of part time employees has items

If the arraylist has not value:

Then exit back to main menu

Else:

Provide the user with options of all the employees

Prompt the user to select an employee

Prompt the user to enter the number of hours

Print a success message to the user

Provide user with option to either go back to main menu or continue recording.

}

Function viewRecord(){

Provide the user with the options of either to view partitme employee,

full time employess or list of the client

If option is full time employees

Then loop through array list for the part time employees

Print the employees names and salary

Calculate subtotal and print

Else if option is part time employees

Then loop through array list for the fulltime employees

Print the employees names and salary

Calculate subtotal and print

Else if option is clients

Then loop through array list for the clirnt

Print the employees names, service they recieved and cost

Calculate subtotal and print

}