**Pseudocode**

**main()**

*create Scanner class named sc*

*declere variables with empty values*

*integer valueEnter ;*

*float mortgage ;*

*float groceries ;*

*float telephoneBroadband ;*

*float tvSubscription;*

*float travel ;*

*float entertainment ;*

*float miscellaneous ;*

*float weeklyIncome ;*

*float weeklyExpenses ;*

*float monthlyExpenses ;*

*float potencialSavings;*

*String currentMonth ;*

*intiger daysForMonth;*

*begining of DO-while loop*

*print menu for the user(output) & ask user input option*

*(" \*\*\*Welcome To The Household Expenses Calculator\*\*\* ")*

*(" Please Select One Of Fallowing Options: ")*

*(" Enter 1 To Enter Your Weekly Expenses. ")*

*(" Enter 2 To Enter Your Weekly Income. ")*

*(" Enter 3 To Calculate Total Weekly Expenses. ")*

*(" Enter 4 To Calculate Total Monthly Expenses. ")*

*(" Enter 5 to Calculate Potencial Savings. ")*

*(" Enter 6 to Exit. ")*

*get user input for option*

*soliution to string or char entry*

*if(valueEnter=1)*

*output message to user enter expenses*

*output (" The mortgage ");*

*input mortgage*

*output (" Groceries ");*

*input groceries*

*output (" Telephone / broadband ");*

*input telephoneBroadband*

*output (" TV Subscription ");*

*input tvSubscription*

*output (" Travel ");*

*input travel*

*output (" Entertainment ");*

*input entertainment*

*output (" Miscellaneous ");*

*input miscellaneous*

*calculate weeklyExpenses*

*adding(mortgage,groceries,telephoneBroadband,*

*tvSubscription,travel,entertainment,*

*miscellaneous)*

*end of if*

*else if(valueEnter =2 )*

*output (" If it's Not Secret,Would You Mind Enter Your Weekly Income")*

*input weeklyIncome;*

*else if(valueEnter =3 )*

*output ("Your Total Expenses For a Week Are: " + weeklyExpenses + "Eur.")*

*else if(**valueEnter =4 )*

*output ("Please Enter Current Month: ")*

*input currentMonth*

*switch statment begining test(currentMonth)*

*case "JANUARY": daysForMonth = 31;*

*stop case*

*case "FEBRUARY": daysForMonth = 28;*

*stop case*

*case "MARCH": daysForMonth = 31;*

*stop case*

*case "APRIL": daysForMonth = 30;*

*stop case*

*case "MAY" : daysForMonth = 31;*

*stop case*

*case "JUNE": daysForMonth = 30;*

*stop case*

*case "JULY": daysForMonth = 31;*

*stop case*

*case "AUGUST": daysForMonth = 31;*

*stop case*

*case "SEPTEMBER" : daysForMonth = 30;*

*stop case*

*case "OCTOBER": daysForMonth = 31;*

*stop case*

*case "NOVEMBER": daysForMonth =30;*

*stop case*

*case "DECEMBER": daysForMonth = 31;*

*end of switch*

*calculate monthlyExpenses / 7 \* daysForMonth*

*output ("Your Total Expenses For a "+ currentMonth +" Are: " + monthlyExpenses +"Eur." )*

*else if(valueEnter =5 )*

*calculate potencialSavings=weeklyIncome - weeklyExpenses*

*output ("Your Savings For a Week Are: " + potencialSavings +"Eur.")*

*end of if statment*

*end of do-while statment if(valueEnter =6 )*

*end of MAIN() alg*