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import java.util.ArrayList;
import java.util.Arrays;
import java.util.Scanner;
public class Main
public static void main(String[] args)
/*System.out.println("Hello World!");*/
System.out.println("\tWelcome to TheDesk \n");
private static void optionsSelection(
String[] arr = ["1. I wish to review my expenditure",
"2. I wish to add my expenditure"
"3. I wish to delete my expenditure"
"4. I wish to sort the expenditures"
"5. I wish to search for a particular expenditure",
"6. Close the application"
int[] arr1 = \{1, 2, 3, 4, 5, 6\};
int slen = arr1.length;
for(int i=0; i<slen;i++</pre>
System.out.println(arr[i]
// display the all the Strings mentioned in the String array
ArrayList<Integer> arrlist = new ArrayList<Integer>();
ArrayList<Integer> expenses = new ArrayList<Integer>();
expenses.add(1000);
expenses add (2300);
expenses.add(45000);
expenses.add(32000);
expenses.add(110);
System.out.println("\nEnter your choice:\t");
Scanner sc = new Scanner(System.in);
int options = sc.nextInt(
//for(int j=1;j<=slen;j++){
// if(options==j){
switch (options)
case 1:
System.out.println "Your saved expenses are listed below: 1");
System.out.println(expenses+"\n");
break;
System.out.println("Enter the value to add your Expense: ");
int value = sc.nextInt();
System.out.println("Your value is updated");
System.out.println(expenses+"\n");
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break:
case 3
System out println "You are about the delete all your expenses! \nConfirm
again by selecting the same option...");
int con choice = sc.nextInt()
if(con choice==options)
System.out.println(expenses+"\n");
System.out.println("All your expenses are erased!\n");
System.out.println("Oops... try again!");
break:
case 4:
break:
case 5
break;
case 6:
break;
default:
System.out.println("You have made an invalid choice!");
private static void closeApp
System out println "Closing your application... \nThank you!");
private static void searchExpenses(ArrayList<Integer> arrayList)
int leng = arrayList.size(
System.out.println("Enter the expense you need to search:\t");
//Complete the method
boolean foundResult=false;
Scanner sc =new Scanner(System.in);
int expense= sc.nextInt();
ArrayList<Integer> expenses = new ArrayList<Integer>();
for(int i=0;i<leng;i++)</pre>
if (arrayList.get(i) ==expense)
foundResult=true;
System.out.println("The expense "+expense+" is available.\n");
break;
if(!foundResult) System.out.println("Expense not found.\n");
private static void sortExpenses(ArrayList<Integer> arrayList)
int arrlength = arrayList.size(
//Complete the method. The expenses should be sorted in ascending order.
Integer[] arr= arrayList.toArray(new Integer[arrlength]);
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Arrays.sort(arr);
System.out.println("Sorted Expenses: ");
System.out.println(Arrays.toString(arr));
System.out.println("\n");
}
```