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package A5;
import java.util.InputMismatchException;
import myPack.*;
import java.util.Scanner;

/**
 *
 * @author Lakshmi Priya
 */

public class CurrConvertor {
    public static void main(String []args) {
        int choice;
        double denom1=0;
        Scanner in=new Scanner(System.in);
        System.out.print("\nChoice:\n\t1. Dollar to Inr\n\t2. Inr to Dollar\n\t3. Euro to Inr\n\t4. Inr to Euro\n\t5. Yen to Inr\n\t6. Inr to Yen\n\t0. Exit\nEnter choice: ");
        choice=in.nextInt();
        while(choice!=0){
            System.out.print("Enter currency value: ");
            try{
                denom1=in.nextDouble();
            }
            catch(InputMismatchException e){
                System.out.println("Input Mismatch Exception!!");
                System.out.print("Enter currency value: ");
                try{
                    in.nextLine();
                    denom1=in.nextDouble();
                }
                catch(InputMismatchException f){
                    System.out.println("Input Mismatch Exception!!");
                    break;
                }
            }
            switch(choice){
                case 1: try{
                    System.out.println("*****");
                    System.out.println("Inr equivalent: "+DollarInr.dollarToInr(denom1));
                    System.out.println("*****");
                }
                catch(NumberFormatException e){
                    System.out.println("Currency not in required format!");
                }
                break;
                case 2: try{
                    System.out.println("*****");
                    System.out.println("Dollar equivalent: "+myPack.DollarInr.inrToDollar(denom1));

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System.out.println("*****");
        }
        catch (NumberFormatException e) {
            System.out.println("Currency not in
required format!");
        }
        break;
    case 3: try{
System.out.println("*****");
            System.out.println("Inr equivalent:
"+myPack.EuroInr.euroToInr(denom1));
System.out.println("*****");
        }
        catch (NumberFormatException e) {
            System.out.println("Currency not in
required format!");
        }
        break;
    case 4: try{
System.out.println("*****");
            System.out.println("Euro equivalent:
"+myPack.EuroInr.inrToEuro(denom1));
System.out.println("*****");
        }
        catch (NumberFormatException e) {
            System.out.println("Currency not in
required format!");
        }
        break;
    case 5: try{
System.out.println("*****");
            System.out.println("Inr equivalent:
"+myPack.InrYen.yenToInr(denom1));
System.out.println("*****");
        }
        catch (NumberFormatException e) {
            System.out.println("Currency not in
required format!");
        }
        break;
    case 6: try{
System.out.println("*****");
            System.out.println("Yen equivalent:
"+myPack.InrYen.inrToYen(denom1));
System.out.println("*****");
        }
        catch (NumberFormatException e) {

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                                System.out.println("Currency not in
required format!");
                                }
                                break;
                                }

                                System.out.print("\nChoice:\n\t1. Dollar to Inr\n\t2.
Inr to Dollar\n\t3. Euro to Inr\n\t4. Inr to Euro\n\t5. Yen to
Inr\n\t6. Inr to Yen\n\t0. Exit\nEnter choice: ");
                                choice=in.nextInt();

                                }
                                }
}

```