**PROJECT – 2**

**PROJECT NAME :**  **CURRENCY CONVERTER**

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**PROJECT SUMMARY :**

A currency converter that allows the user to convert one currency to another like the dollar, pond,euro,yen,ringgit,rupiah,won,dong,lkr,npr or other selected countries.

In order to convert one currency into another,use enter’s an amount of money and chooses the currency that uses wishes to check.

It is particularly useful for businesses that operate internationally, as it allows them to accurately calculate costs and revenue in different currencies. Additionally, it can be helpful for travelers who need to budget their expenses while traveling abroad and need to know how much they are spending in their local currency.

**INPUT :**

**package currency;**

**import java.util.\*;**

**public class CurrencyConverter{**

**public static void main(String []args){**

**double dollar,pond,euro,yen,ringgit,rupiah,won,dong,lkr,npr;**

**Scanner sc=new Scanner(System.in);**

**System.out.println("please enter the Amount in rupee:");**

**double Amount=sc.nextDouble();**

**System.out.println("Choose the currency to converter");**

**System.out.println("Enter 1 :Dollar");**

**System.out.println("Enter 2 :Pound");**

**System.out.println("Enter 3 :Euro");**

**System.out.println("Enter 4 :Yen");**

**System.out.println("Enter 5 :Ringgit");**

**System.out.println("Enter 6 :rupiah");**

**System.out.println("Enter 7 :won");**

**System.out.println("Enter 8 :dong");**

**System.out.println("Enter 9 :lkr");**

**System.out.println("Enter 10 :npr");**

**int choice=sc.nextInt();**

**switch(choice){**

**case 1:**

**{**

**doller=Amount/82.8;**

**System.out.println("Converting"+Amount+"Rupees into Dollar: "+String.format("%.2f",dollar)+ " Dollars");**

**break;**

**}**

**case 2:**

**{**

**pond=Amount/105.6;**

**System.out.println("Converting"+Amount+"Rupees into pound: "+String.format("%.2f",pond)+ " pounds");**

**break;**

**}**

**case 3:**

**{**

**euro=Amount/91;**

**System.out.println("Converting"+Amount+"Rupees into euro: "+String.format("%.2f",euro)+ " euros");**

**break;**

**}**

**case 4:**

**{**

**yen=Amount/0.58;**

**System.out.println("Converting"+Amount+"Rupees into yen: "+String.format("%.2f",yen)+ " yen");**

**break;**

**}**

**case 5:**

**{**

**ringgit=Amount/18.15;**

**System.out.println("Converting"+Amount+"Rupees into ringgit: "+String.format("%.2f",ringgit)+ " Ringgit");**

**break;**

**}**

**case 6:**

**{**

**rupiah =Amount/0.005;**

**System.out.println("Converting"+Amount+"Rupees into Doller: "+String.format("%.2f",rupiah)+ " Dollers");**

**break;**

**}**

**case 7:**

**{**

**won=Amount/0.06;**

**System.out.println("Converting"+Amount+"Rupees into won: "+String.format("%.2f",won)+ " wons");**

**break;**

**}**

**case 8:**

**{**

**dong=Amount/0.003;**

**System.out.println("Converting"+Amount+"Rupees into dong: "+String.format("%.2f",dong)+ " Dong");**

**break;**

**}**

**case 9:**

**{**

**lkr=Amount/0.25;**

**System.out.println("Converting"+Amount+"Rupees into lkr: "+String.format("%.2f",lkr)+ " lkr");**

**break;**

**}**

**case 10:**

**{**

**npr=Amount/0.62;**

**System.out.println("Converting"+Amount+"Rupees into npr: "+String.format("%.2f",npr)+ " npr");**

**break;**

**}**

**default:**

**{**

**System.out.println(" Invalid input: please enter valid input");**

**}**

**}**

**}**

**}**

**OUTPUT :**

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