**PROJECT – 2**

**PROJECT NAME : CURRENCY CONVERTER**

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**PROJECT SUMMARY :**

Currency converter used to convert the currency to the another currency for example, by using the converter we used to change the rupee into dollar and many other conversions which we implemented in the main section .the conversions we used are dollar,pond,euro,yen,ringgit,rupiah,won,dong,ikr,npr.

In order to convert the currency from one currency to another the user have to enter the amount in rupee and by using the next double datatype the entered amount is stored in datatype.

>the user have to choose the currency from 1 to 10

>by using the switch case we will convert the currency from one form to another I.e if the above entered amount is rupee we have to convert it from rupee to dollar to execute the above case,it will break the statement and print the rupees in dollar.

A currency converter is a tool that converts values from one currency to another using real-time exchange rates. Users input the amount and select source/target currencies, and the tool computes the converted value. It's essential for travelers, businesses, and international transactions. Currency converters are available as web apps, mobile apps, or software programs. They simplify cross-currency calculations and enhance financial accuracy.

**INPUT :**

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

**public class CurrencyConverter{**

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

**double doller,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 Doller: "+String.format("%.2f",doller)+ " Dollers");**

**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 in put");**

**}**

**}**

**}**

**}**

**OUTPUT :**

