**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.

Here,We are going to use switch to get user choices. First we are going to take the user currency input in which currency he wants to enter the amount. Then will take the amount of input from the user.Then using the switch case and function calculate the amount in the destinated currency.

It is particurlary useful for business that operate internationally and also for travellers who 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");**

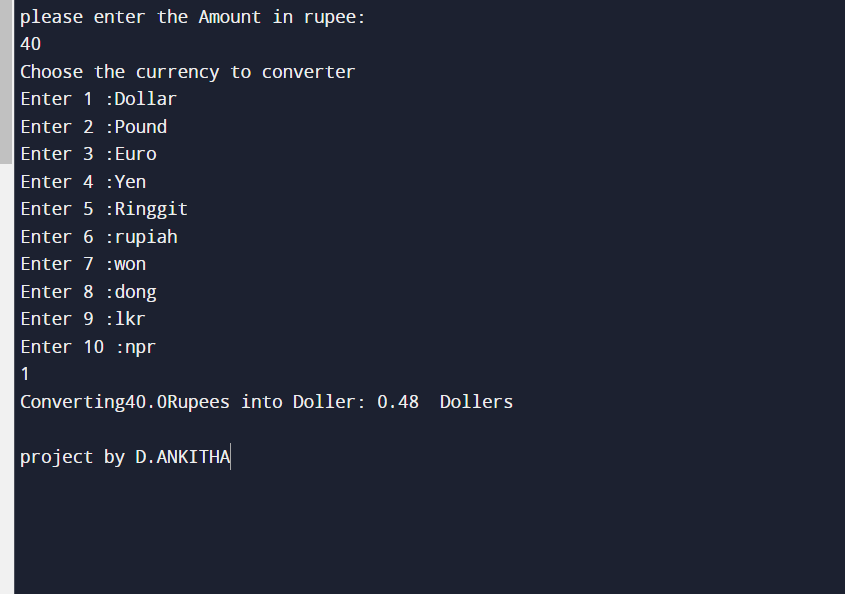
**}**

**}**

**}**

**}**

**OUTPUT :**

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