**JAVA PROJECT ON CURRENCY CONVERTOR**

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

**public** **class** CurrencyConvertor

{

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

{

**double** rupee,dollar,yen,pound,euro;

String ch=" ";

**double** amt=0;

**int** a =0,b=0;

**do**

{

System.***out***.println("Choose the number for currency that you want to convert from?");

System.***out***.println(" 1. Rupees \n 2. Dollar \n 3. Yen \n 4. Pound \n 5. Euro");

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

**try**

{

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

a=sc.nextInt();

}

**catch**(InputMismatchException e)

{

System.***out***.println("Enter a number");

}

**while**(a>5||a<1)

{

System.***out***.println("Please choose from the displayed options");

System.***out***.println(" 1. Rupees \n 2. Dollar \n 3. Yen \n 4. Pound \n 5. Euro");

a=scc.nextInt();

}

System.***out***.println("Choose the number for currency that you want to convert into?");

System.***out***.println(" 1. Rupees \n 2. Dollar \n 3. Yen \n 4. Pound \n 5. Euro");

**try**

{

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

b=sc.nextInt();

}

**catch**(InputMismatchException e)

{

System.***out***.println("Enter a number");

}

**while**(b>5||b<1)

{

System.***out***.println("Please choose from the displayed options");

System.***out***.println(" 1. Rupees \n 2. Dollar \n 3. Yen \n 4. Pound \n 5. Euro");

b=scc.nextInt();

}

System.***out***.println("Enter the Amount you want to convert");

amt=scc.nextDouble();

**switch**(a)

{

**case** 1:

**switch**(b)

{

**case** 1:

System.***out***.println("Same Currency");

**break**;

**case** 2:

dollar = amt / 70;

System.***out***.println("Your " +"Rs."+ amt + " is : "+ "$ " + dollar );

**break**;

**case** 3:

yen = amt / 0.63;

System.***out***.println("Your " +"Rs."+ amt + " is : " +yen + " Yen");

**break**;

**case** 4:

pound = amt / 88;

System.***out***.println("Your " +"Rs."+ amt + " is : " +pound + " Pound");

**break**;

**case** 5:

euro = amt / 80;

System.***out***.println("Your " +"Rs."+ amt + " is : " +euro + " Euro");

**break**;

}

**break**;

**case** 2:

**switch**(b)

{

**case** 1:

rupee = amt \* 70;

System.***out***.println("Your " + amt + " Dollar is : " + "Rs." + rupee);

**break**;

**case** 2:

System.***out***.println("Same Currency");

**break**;

**case** 3:

yen = amt \* 111.087;

System.***out***.println("Your " + amt + " Dollar is : " + yen + " Yen");

**break**;

**case** 4:

pound = amt \* 0.78;

System.***out***.println("Your " + amt + " Dollar is : " + pound + " Pound");

**break**;

**case** 5:

euro = amt \* 0.87;

System.***out***.println("Your " + amt + " Dollar is : " + euro + " Euro");

**break**;

}

**break**;

**case** 3:

**switch**(b)

{

**case** 1:

rupee = amt \* 0.63;

System.***out***.println("Your " + amt + " yen is : " + "Rs."+ rupee );

**break**;

**case** 2:

dollar = amt \* 0.008;

System.***out***.println("Your " + amt + " yen is : " + "$ " + dollar );

**break**;

**case** 3:

System.***out***.println("Same Currency");

**break**;

**case** 4:

pound = amt \* 0.007;

System.***out***.println("Your " + amt + " yen is : " + pound + " Pound");

**break**;

**case** 5:

euro = amt \* 0.007;

System.***out***.println("Your " + amt + " yen is : " + euro + " Euro");

**break**;

}

**break**;

**case** 4:

**switch**(b)

{

**case** 1:

rupee = amt \* 88;

System.***out***.println("Your " + amt + " pound is : " + "Rs."+ rupee);

**break**;

**case** 2:

dollar = amt \* 1.26;

System.***out***.println("Your " + amt + " pound is : " + "$ " + dollar);

**break**;

**case** 5:

euro = amt \* 1.10;

System.***out***.println("Your " + amt + " pound is : " + euro + " Euro");

**break**;

**case** 4:

System.***out***.println("Same Currency");

**break**;

**case** 3:

yen = amt \* 140.93;

System.***out***.println("Your " + amt + " pound is : " + yen + " Yen");

**break**;

}

**break**;

**case** 5:

**switch**(b)

{

**case** 1:

rupee = amt \* 80;

System.***out***.println("Your " + amt + " euro is : " + "Rs."+ rupee);

**break**;

**case** 2:

dollar = amt \* 1.14;

System.***out***.println("Your " + amt + " euro is : " + "$ " + dollar);

**break**;

**case** 3:

pound = amt \* 0.90;

System.***out***.println("Your " + amt + " euro is : " + pound + " Pound");

**break**;

**case** 4:

yen = amt \* 127.32;

System.***out***.println("Your " + amt + " euro is : " + yen + " Yen");

**break**;

**case** 5:

System.***out***.println("Same Currency");

**break**;

}

}

System.***out***.println("Do you wanna reconvert ? Enter yes or no");

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

ch=sc.next();

ch=ch.toLowerCase();

**if**(!ch.equals("yes"))

{

System.***out***.println("Thank you for using our Currency Converter");

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

}

**else**

{

System.***out***.println("------------------------------------------------------------");

}

}

**while**(ch.equals("yes"));

}

}

**OUTPUT:**

**Choose the number for currency that you want to convert from?**

**1. Rupees**

**2. Dollar**

**3. Yen**

**4. Pound**

**5. Euro**

**2**

**Choose the number for currency that you want to convert into?**

**1. Rupees**

**2. Dollar**

**3. Yen**

**4. Pound**

**5. Euro**

**4**

**Enter the Amount you want to convert**

**10**

**Your 10.0 Dollar is : 7.800000000000001 Pound**

**Do you wanna reconvert ? Enter yes or no**

**yes**

**------------------------------------------------------------**

**Choose the number for currency that you want to convert from?**

**1. Rupees**

**2. Dollar**

**3. Yen**

**4. Pound**

**5. Euro**

**4**

**Choose the number for currency that you want to convert into?**

**1. Rupees**

**2. Dollar**

**3. Yen**

**4. Pound**

**5. Euro**

**1**

**Enter the Amount you want to convert**

**3**

**Your 3.0 pound is : Rs.264.0**

**Do you wanna reconvert ? Enter yes or no**

**no\**

**Thank you for using our Currency Converter**

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