**TEMPERATURE CONVERSION:**

package com.introduction.java;

import java.util.Scanner;

public class exp\_7\_8 {

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

double c,f,k,ans;

int choice;

char cam='y';

System.out.println("Enter Celcius, Farenheit & Kelvin");

c=sc.nextFloat();

f=sc.nextFloat();

k=sc.nextFloat();

while(cam=='y')

{

System.out.println("Enter your choice:\n1.Celcius-->Farenheit\n2.Celcius-->Kelvin\n3.Farenheit-->Celcius\n4.Farenheit-->Kelvin\n5.Kelvin-->Celcius\n6.Kelvin-->Farenheit");

choice=sc.nextInt();

switch(choice)

{

case 1:

ans=(c\*9/5)+32;

System.out.println("\nAnswer="+ans);

break;

case 2:

ans=c+273.15;

System.out.println("\nAnswer="+ans);

break;

case 3:

ans=(f-32)\*5/9;

System.out.println("\nAnswer="+ans);

break;

case 4:

ans=(f-32)\*5/9+273.15;

System.out.println("\nAnswer="+ans);

break;

case 5:

ans=k-273.15;

System.out.println("\nAnswer="+ans);

break;

case 6:

ans=(k-273.15)\*9/5+32;

System.out.println("\nAnswer="+ans);

break;

default:

System.out.println("\nWrong Choice");

break;

}

System.out.println("Do you wish to proceed? y or n");

cam=sc.next().charAt(0);

}

}

}

**OUTPUT:**

