package ejercicios3;

import java.util.Scanner;

public class conversorInformaticoBytes {

public static void main(String[] args) {

/\*

\* Crear un conversor de unidades informáticas. El programa debe pedir la entrada por teclado de la cantidad y luego de la unidad origen:

0 = byte

1 = Kilobyte

2 = Megabyte

3 = Gigabyte

4 = Terabyte

\* \*/

Scanner input = new Scanner(System.in);

System.out.println("Introduce valor a convertir");

int userBytes = input.nextInt();

System.out.println("Ha introducido " + userBytes );

System.out.println("Selecciona tipo unidad que deseas convertir:\n0. bytes\n1. Kilobytes\n 2. Megabyte\n3. Gigabyte\n4. Terabyte ");

int opc = input.nextInt();

System.out.println("Ha elegido la opción" + opc + "\n");

int by;

int kb;

int mb;

int gb;

int tb;

String sOpc;

switch(opc) {

case 0 : sOpc = " bytes";

by = userBytes;

kb = by /1024;

mb=kb/1024;

gb=mb/1024;

tb=gb/1024;

System.out.println(userBytes + " " + sOpc + " son:\n\n"+ kb + " kb\n" + mb + "Mb\n" + gb + " Gb\n" + tb + " Tb");

break;

case 1 : sOpc = " Kilobytes";

by = userBytes \* 1024;

kb = userBytes;

mb=kb/1024;

gb=mb/1024;

tb=gb/1024;

System.out.println(userBytes + " " + sOpc + " son:\n\n"+ kb + " kb\n" + mb + "Mb\n" + gb + " Gb\n" + tb + " Tb");

break;

case 2 : sOpc = " Megabytes";

by = userBytes \* 1024 \* 1024;

kb = userBytes \*1024;

mb= userBytes;

gb=mb/1024;

tb=gb/1024;

System.out.println(userBytes + " " + sOpc + " son:\n\n"+ kb + " kb\n" + mb + "Mb\n" + gb + " Gb\n" + tb + " Tb");

break;

case 3 : sOpc = " GigaBytes";

by = userBytes\* 1024\* 1024 \* 1024 ;

kb = userBytes\* 1024\* 1024;

mb=userBytes\* 1024;

gb= userBytes;

tb=gb/1024;

System.out.println(userBytes + " " + sOpc + " son:\n\n"+ kb + " kb\n" + mb + "Mb\n" + gb + " Gb\n" + tb + " Tb");

break;

case 4 : sOpc = " TeraBytes";

by = userBytes\* 1024 \* 1024 \* 1024 \* 1024 \* 1024 ;

kb = userBytes\* 1024 \* 1024 \* 1024 \* 1024 ;

mb=userBytes\* 1024 \* 1024 \* 1024 ;

gb=userBytes \* 1024 \* 1024 ;

tb=userBytes\* 1024 ;

System.out.println(userBytes + " " + sOpc + " son:\n\n"+ kb + " kb\n" + mb + "Mb\n" + gb + " Gb\n" + tb + " Tb");

break;

}

input.close();

}

}