/\*

in this code we will make a conversion system to convert the following

km to mile

inch to foot

cm to inches

pound to kg

inches to meter

\*/

#include <stdio.h>

int main()

{

char input;

float kmtomiles = 0.621371;

float inchtofoot = 0.0833333;

float cmtoinches = 0.393701;

float poundtokg = 0.453592;

float inchestometer = 0.0254;

float a, b;

while (1)

{

printf("enter that you want to change: \n press 'q to exit \n 1.km to mile \n 2.inch to foot \n 3.cm to inch \n 4. pound to kg \n 5.inches to meter \n\n\n"); //it is a type of instruction

scanf(" %c", &input);

switch (input)

{

case 'q': //in case if the user do not want to continue

printf("quitting the program");

goto end; //it will through out of the loop

break;

case '1':

printf("enter the quantity \n"); // km to mile

scanf("%f", &a);

b = a \* kmtomiles;

printf("the converted quantity is %f \n\n\n", b);

break;

case '2':

printf("enter the quantity \n"); //inch to foot

scanf("%f", &a);

b = a \*inchtofoot;

printf("the converted quantity is %f \n\n\n", b);

break;

case '3':

printf("enter the quantity \n"); // cm to inches

scanf("%f", &a);

b = a \* cmtoinches;

printf("the converted quantity is %f \n\n\n", b);

break;

case '4':

printf("enter the quantity \n"); // pound to kg

scanf("%f", &a);

b = a \* poundtokg;

printf("the converted quantity is %f \n\n\n", b);

break;

case '5':

printf("enter the quantity \n"); // inches to meter

scanf("%f", &a);

b = a \* inchestometer;

printf("the converted quantity is %f \n\n\n", b);

break;

default:

break;

}

}

end:

return 0;

}

// this code is written by AYUSH