#include <iostream>

using namespace std;

int main()

{

cout << "QUESTION 1" << endl;

double length, width, area;

cout << "Enter a value for length." << endl;

cin >> length;

cout << "Enter a value for width." << endl;

cin >> width;

area = length \* width;

cout << "The area of the square is:" << area << endl;

cout << "QUESTION 2" << endl;

int a, b, sum;

cout << "Enter a value for a." << endl;

cin >> a;

cout << "Enter a value for b." << endl;

cin >> b;

sum = a + b;

cout << "The sum of these two numbers are:" << sum << endl;

cout << "QUESTION 3" << endl;

double items = 257;

double items\_per\_packet = 14;

double result;

cout << "Thandi has a total of 257 items. Enter amount." << endl;

cin >> items;

cout << "Thandi can fit a total of 14 items into a packet. Enter amount." << endl;

cin >> items\_per\_packet;

result = items / items\_per\_packet;

cout << "The amount of packets Thandi will have: " << result << endl;

cout << "QUESTION 4" << endl;

string name;

string surname;

int age;

cout << "Enter your Name" << endl;

cin >> name;

cout << "Enter your Age" << endl;

cin >> age;

cout << "Enter your Surname" << endl;

cin >> surname;

cout << "Hey there " << name << endl << surname << endl;

cout << "You are " << age << " years old." << endl;

cout << "QUESTION 5" << endl;

int socks;

double price = 3.50;

result;

cout << "How many socks would you want?" << endl;

cin >> socks;

cout << "You bought them at R3.50 each. Enter price" << endl;

cin >> price;

result = socks \* price;

cout << "The total amount due is :R" << result << endl;

cout << "QUESTION 6" << endl;

int hours;

double rate;

result;

cout << "Please enter your hours worked" << endl;

cin >> hours;

cout << "Please enter your hourly rate" << endl;

cin >> rate;

result = hours \* rate;

cout << "Your total weekly wage is R:" << result << endl;

cout << "QUESTION 7" << endl;

int nodogs;

int totalb;

const int grams = 250;

const int buy = 50;

int total;

cout << "Enter amount of dogs that you own:" << endl;

cin >> nodogs;

totalb = nodogs \* grams;

total = totalb / buy;

cout << "Total amount:R" << total << endl;

cout << "QUESTION 8" << endl;

int paintBrushes;

const double priceBrushes = 19.75;

result;

cout << "Enter amount of Paint Brushes you buy:" << endl;

cin >> paintBrushes;

result = paintBrushes \* priceBrushes;

cout << "Total amount due:R" << result << endl;

cout << "QUESTION 9" << endl;

int degreef;

double degreec;

cout << "Enter degrees Fahrenheit" << endl;

cin >> degreef;

degreec = 5 \* (degreef - 32) / 9;

cout << "Answer in Fahrenheit:" << degreef << degreec << endl;

cout << "QUESTION 10" << endl;

const int hours\_worked = 8;

const int rate\_work = 11;

const int taxi\_fare = 12;

const int days\_worked = 5;

int totalc;

int totald;

int totale;

int totalf;

string name\_employee;

cout << "Enter Your name" << endl;

cin >> name\_employee;

totalf = hours\_worked \* rate\_work;

totale = totalf \* days\_worked;

totald = taxi\_fare \* days\_worked;

totalc = totale - totald;

cout << "Your total earnings:R" << totalc << endl;

cout << "I. int no\_marbles" << endl;

cout << "II. double money\_due" << endl;

cout << "III. string register" << endl;

cout << "IV. const double height = 1.75" << endl;

cout << "V. string name" << endl;

cout << "VI. int code" << endl;

cout << "VII. string dog\_descr" << endl;

cout << "VIII. int no\_smarties " << endl;

return 0;

}