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/*
* Ahmed Abd-ElAziz
TASK 02
From 1 to 6.
This code gives you the option to choose from the answers while running the code.
Please Copy the whole code. :)
*/
#include <iostream>
#include <math.h>
#include <cmath>
using namespace std;
int main()
{
    int Q = 0;
    //Questions selection list
    while (Q >= 0)
    {
        cout << "\n Welcome to Questions selection list, insert from 1 to 6 to view the Answers , 0 to close.\n";
        cout << ".....\n";
        cin >> Q;
        cout << ".....\n";
        // End of Task
        if (Q == 0)
        {
            cout << "Thank You!!";
            break;
        }
        //Q 1
        else if (Q == 1)
        {
            int x = 0;
            cout << "Enter value of x, to know whether it's Even or odd\n";
            cin >> x;
            int xr = x % 2;
            if (xr == 0)
            {
                cout << "Even No.\n";
            }
            else
            {
                cout << "Odd No.\n";
            }
        }
        //Q 2
        else if (Q == 2)
        {
            char x;
            cout << "Insert a Character." << endl;
            cin >> x;
            switch (x)
            {
                case 'a':
                case 'A':
                case 'e':
                case 'E':
                case 'i':
                case 'I':

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        case 'o':
        case 'O':
        case 'u':
        case 'U':
            cout << "The Character is Vowel\n";
            break;
        default:
            cout << "The Character is Consonant\n";
    }
}
//Q 3
else if (Q == 3)
{
    int x = 0, y = 0, z = 0;
    cout << "Please, Insert 3 Numbers to determin which one is the largest\n";
    cin >> x;
    cin >> y;
    cin >> z;
    if (x > y && x > z)
    {
        cout << "The First number is the largest\n" << x << endl;
    }
    else if (y > x && y > z)
    {
        cout << "The Second number is the largest\n" << y << endl;
    }
    else if (z > x && z > y)
    {
        cout << "The Third number is the largest\n" << z << endl;
    }
    else
    {
        cout << "that must be at least the two numbers with large value are equal, or all numbers are equal\n";
    }
}
//Q 4
else if (Q == 4)
{
    cout << "please, insert two numbers to divide\n";
    float x = 0, y = 0, z = 0;
    cin >> x;
    cin >> y;
    z = x / y;
    if (y == 0)
    {
        cout << "UNKOWN\n";
    }
    else
    {
        cout << "The Resutl is.... " << z << endl;
    }
}
//Q 5
else if (Q == 5)
{
    cout << "Please insert the Temperature in Fahrenheit to be converted into Celsius\n";
    float F, C;

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        cin >> F;
        C = (F - 32) * 5 / 9;
        cout << "The Temperature in Celsius is.. " << C << endl;
    }
    //Q 6
    else if (Q == 6)
    {
        int x = 0, y = 0;
        cout << "Please insert two +ve /numbers\n";
        cin >> x;
        cin >> y;
        int xr = x % 2;
        int yr = y % 2;
        while (x >= 0 && y >= 0 && x > y)
        {
            cout << "The First intger is greater than the Second\n";
            break;
        }
        while (y >= 0 && x >= 0 && y > x)
        {
            cout << "The Second intger is greater than the First\n";
            break;
        }
        while (x >= 0 && y >= 0 && x > y && xr == 0)
        {
            cout << x << endl;
            break;
        }
        while (y >= 0 && x >= 0 && y > x && yr == 0)
        {
            cout << y << endl;
            break;
        }
    }
    // No more Questions
    else
    {
        cout << "Sorry,there is only Six Questions.\n";
        cout << ".....\n";
    }
}
return 0;
}

```