

## TOPIC: CURRENCY CONVERTER

### MY CODE:

```
#include <iostream>
#include <conio.h>
#include <algorithm>
#include <string>
using namespace std;
void menu();
void omanirial();
void Pound();
void canadiandollar();
void pakistani();
void indian();
void kuwaiti_dinar();
void iranian_rial();
void japanese_yen();
void newZealand_dollar();
void australian_dollar();
int userchoice;
double amount;
int main()
{
    cout << "\t ~~WELCOME TO CURRENCY CONVERTER~~\n";
    cout << "Your currency must be in dollars." << endl;
    cout << "Please enter your amount in US Dollars: ";
    cin >> amount;
    menu();
    cin >> userchoice;
    if (userchoice == 1)
    {
        omanirial();
    }
    else if (userchoice == 2)
    {
        Pound();
    }
    else if (userchoice == 3)
    {
        canadiandollar();
    }
    else if (userchoice == 4)
    {
        pakistani();
    }
    else if (userchoice == 5)
    {
        indian();
    }
    else if (userchoice == 6)
    {
        kuwaiti_dinar();
    }
    else if (userchoice == 7)
    {
        iranian_rial();
    }
    else if (userchoice == 8)
    {
        japanese_yen();
    }
}
```

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        else if (userchoice == 9)
        {
            newZealand_dollar();
        }
        else if (userchoice == 10)
        {
            australian_dollar;
        }
        else
            cout << "Please select valid value." << endl;

        _getch();
        return 0;
    }
    void menu()
    {
        cout << "This is our menu:" << endl;
        cout << "We can covert your dollar to the following currencies : " << endl;
        cout << " 1)US Dollars to Omani Rial \n 2)US Dollars to Pounds \n 3)US Dollars  
to Canadian Dollars \n";
        cout << " 4)US Dollars to Pakistani Rupees \n 5)US Dollars to Indian Rupees \n  
6)US Dollars to Kuwaiti Dinar \n";
        cout << " 7)US Dollars to Iranian Rial \n 8)US Dollars to Japanese Yen \n 9)US  
Dollars to New Zealand Dollars \n 10)US Dollars to Australian Dollar";
        cout << "\nPlease enter your choice in which you want to convert (1-10). ";
        cin >> userchoice;
    }
    void omanirial()
    {
        cout << "1 USD = 0.385 Omani Rial" << endl;
        int result = amount * 0.385;
        cout << amount << " USD IS = " << result << " omani rial." << endl;
    }
    void Pound()
    {
        cout << "1 USD = 0.73 Pound Sterling" << endl;
        int result = amount * 0.73;
        cout << amount << " USD IS = " << result << " pounds." << endl;
    }
    void canadiandollar()
    {
        cout << "1USD = 1.27 Canadian dollars" << endl;
        int result = amount * 1.27;
        cout << amount << " USD IS = " << result << " candian dollars." << endl;
    }
    void pakistani()
    {
        cout << "1USD = 160 pakistani rupees" << endl;
        int result = amount * 160;
        cout << amount << " USD IS = " << result << " pakistani rupees." << endl;
    }
    void indian()
    {
        cout << "1USD = 73.26 indian rupees" << endl;
        int result = amount * 73.26;
        cout << amount << " USD IS = " << result << " indian rupees." << endl;
    }
    void kuwaiti_dinar()
    {
        cout << "1USD = 0.30 kuwaiti dinar" << endl;
        int result = amount * 0.30;
    }

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        cout << amount << " USD IS = " << result << " kuwaiti dinar." << endl;
    }
    void iranian_rial()
    {
        cout << "1USD = 42000 iranian rial" << endl;
        int result = amount * 42000;
        cout << amount << " USD IS = " << result << " iranian rials." << endl;
    }
    void japanese_yen()
    {
        cout << "1USD = 104 japanese yen" << endl;
        int result = amount * 104;
        cout << amount << " USD IS = " << result << " japanese yen." << endl;
    }
    void newZealand_dollar()
    {
        cout << "1USD = 1.39 New Zealand Dollar" << endl;
        int result = amount * 1.39;
        cout << amount << " USD IS = " << result << " new zealand dollar." << endl;
    }
    void australian_dollar()
    {
        cout << "1USD = 1.29 Australian Dollar" << endl;
        int result = amount * 1.29;
        cout << amount << " USD IS = " << result << " australian dollar." << endl;
    }
}

```

## MY OUTPUT:

```

C:\Users\92334\source\repos\Project35\Debug\Project35.exe
~WELCOME TO CURRENCY CONVERTER~
Your currency must be in dollars.
Please enter your amount in US Dollars: 22.2
This is our menu:
We can covert your dollar to the following currencies :
1)US Dollars to Omani Rial
2)US Dollars to Pounds
3)US Dollars to Canadian Dollars
4)US Dollars to Pakistani Rupees
5)US Dollars to Indian Rupees
6)US Dollars to Kuwaiti Dinar
7)US Dollars to Iranian Rial
8)US Dollars to Japanese Yen
9)US Dollars to New Zealand Dollars
10)US Dollars to Australian Dollar
Please enter your choice in which you want to convert (1-10). 22
1 USD = 0.385 Omani Rial
22.2 USD IS = 8 omani rial.

```