```
#include <iostream>
using namespace std;


void celsiusToFahrenheit(double celsius) {
  double fahrenheit = (celsius * 9/5) + 32;
  cout << celsius << " °C = " << fahrenheit << " °F" << endl;
}


void celsiusToKelvin(double celsius) {
  double kelvin = celsius + 273.15;
  cout << celsius << " °C = " << kelvin << " K" << endl;
}


void fahrenheitToCelsius(double fahrenheit) {
  double celsius = (fahrenheit - 32) * 5/9;
  cout << fahrenheit << " °F = " << celsius << " °C" << endl;
}


void fahrenheitToKelvin(double fahrenheit) {
  double kelvin = (fahrenheit - 32) * 5/9 + 273.15;
  cout << fahrenheit << " °F = " << kelvin << " K" << endl;
}


void kelvinToCelsius(double kelvin) {
  double celsius = kelvin - 273.15;
  cout << kelvin << " K = " << celsius << " °C" << endl;
}
```

```
void kelvinToFahrenheit(double kelvin) {
  double fahrenheit = (kelvin - 273.15) * 9/5 + 32;
  cout << kelvin << " K = " << fahrenheit << " °F" << endl;
}


int main() {
  int choice;
  double temperature;

  cout << "Temperature Conversion Program" << endl;
  cout << "1. Celsius to Fahrenheit" << endl;
  cout << "2. Celsius to Kelvin" << endl;
  cout << "3. Fahrenheit to Celsius" << endl;
  cout << "4. Fahrenheit to Kelvin" << endl;
  cout << "5. Kelvin to Celsius" << endl;
  cout << "6. Kelvin to Fahrenheit" << endl;
  cout << "Enter your choice (1-6): ";
  cin >> choice;


  cout << "Enter the temperature: ";
  cin >> temperature;


  switch(choice) {
     case 1:
        celsiusToFahrenheit(temperature);
        break;
     case 2:
        celsiusToKelvin(temperature);
        break;
```

```
        case 3:
            fahrenheitToCelsius(temperature);
            break;
        case 4:
            fahrenheitToKelvin(temperature);
            break;
        case 5:
            kelvinToCelsius(temperature);
            break;
        case 6:
            kelvinToFahrenheit(temperature);
            break;
        default:
            cout << "Invalid choice!" << endl;
    }

    return 0;
}
```