```java
import java.util.Scanner;

public class TemperatureConversion{
    public static void main(String[] args) {

        System.out.println("Enter the Temperature");

        Scanner scan = new Scanner(System.in);
        double temperature = scan.nextDouble();

        System.out.println("Enter unit (C for celsius , F for fahrenheit, K for kelvin) ");

        char unit =  scan.next().trim().charAt(0);

        switch(unit){
            case 'C': System.out.println("Fahrenheit :" + (temperature * 9 / 5) + 32);
                System.out.println("Kelvin:"+ temperature + 273.15);
                break;
            case 'F':
                System.out.println("Celsius:" + ( temperature - 32) * 5 / 9);
                System.out.println("Kelvin:" + ( temperature - 32) * 5 / 9 + 273.15);
                break;
            case 'K':
                    System.out.println("Celsius:"  +  (temperature - 273.15));
                System.out.println("Fahrenheit" + ( temperature - 273.15) * 9 / 5 + 32);
                break;
            default:
                System.out.println("Invalid unit");
        }
    }

}
```