

```
#include <stdio.h>
```

```
int main() {
```

```
    float temperatureFahrenheit, temperatureCelsius;
```

```
    // Read temperature in Fahrenheit from user
```

```
    printf("Enter temperature in Fahrenheit: ");
```

```
    scanf("%f", &temperatureFahrenheit);
```

```
    // Convert Fahrenheit to Celsius
```

```
    temperatureCelsius = (5.0 / 9.0) * (temperatureFahrenheit - 32);
```

```
    // Display the converted temperature
```

```
    printf("Temperature in Celsius: %.2f\n", temperatureCelsius);
```

```
    return 0;
```

```
}
```