

<b>Name of Student:</b> Pushkar Prasad Sane		
<b>Roll Number:</b> 45		<b>Lab Assignment Number:</b> 2
<b>Title of Lab Assignment:</b> Assignment based on Lambda.		
<b>DOP:</b> 23-08-2023		<b>DOS:</b> 06-09-2023
<b>CO Mapped:</b> CO1, CO2	<b>PO Mapped:</b> PO1, PO2, PO3, PSO1	<b>Signature:</b>

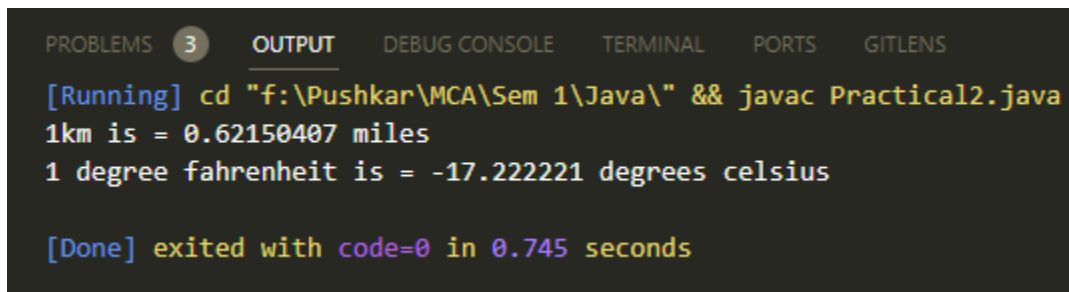
- 1) Write a Java program using Lambda Expression to calculate the following:
- a) Convert Fahrenheit to Celsius.
  - b) Convert Kilometers to Miles.

**Code:**

```
package test;
import java.util.*;
public class Main {
    public static void main(String[] args) {
        Kmtm k = (float km) -> {
            return km / 1.609f;
        };
        System.out.println("1km is = " + k.convert(1) + " miles");
        Ftc ftc = (float f) -> {
            return ((f - 32) * 5) / 9;
        };
        System.out.println("1 degree fahrenheit is = " + ftc.convert(1) + " degrees
celsius");
    }
}

interface Kmtm {
    public float convert(float f);
}

interface Ftc {
    public float convert(float f);
}
```

**Output:**

```
PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
[Running] cd "f:\Pushkar\MCA\Sem 1\Java\" && javac Practical2.java
1km is = 0.62150407 miles
1 degree fahrenheit is = -17.222221 degrees celsius

[Done] exited with code=0 in 0.745 seconds
```