

LT PROJECT TEMPERATURE CONVERTER

BY:

WADHVANIYA NURALLA-IT128-17ECUOS035

YUGANT PATEL-IT129-17ITUON086

Internal Guide:

Prof. Roshni M. Raval

Department of Information Technology

Faculty of Technology

DD University



Department of Information Technology

Faculty of Technology, Dharmsinh Desai University

College Road, Nadiad-387001

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Description

- We are supposed to convert temperature from Celcius to different units like Farenheit, Kelvin or Rankine.
- Lets say you want to convert **30°C to Kelvin**. For that,you should give the following input:

K 30

- Similarly, to convert **-5°C into to Farenheit**, type in **F -5** and **R -5** so as to convert the same **to Rankine**.

Features

TOKENS	LEXEMES	PATTERN
KEYWORDS	K,F,R	
CONSTANTS	1,20,35,.....	(0-9)*
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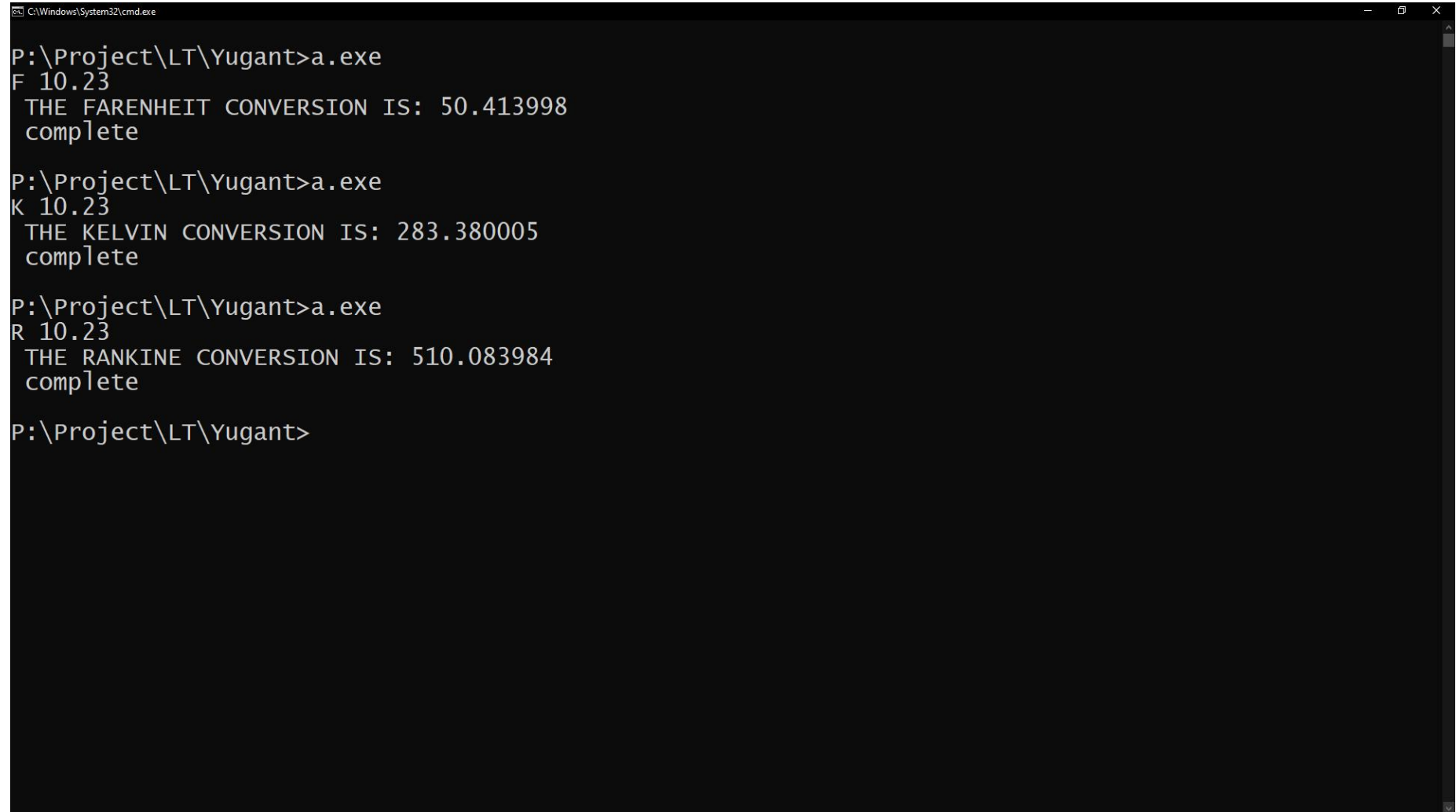
I/Os

INPUT:

F 10.23

K 10.23

R 10.23



```
C:\Windows\System32\cmd.exe
P:\Project\LT\Yugant>a.exe
F 10.23
THE FARENHEIT CONVERSION IS: 50.413998
complete

P:\Project\LT\Yugant>a.exe
K 10.23
THE KELVIN CONVERSION IS: 283.380005
complete

P:\Project\LT\Yugant>a.exe
R 10.23
THE RANKINE CONVERSION IS: 510.083984
complete

P:\Project\LT\Yugant>
```

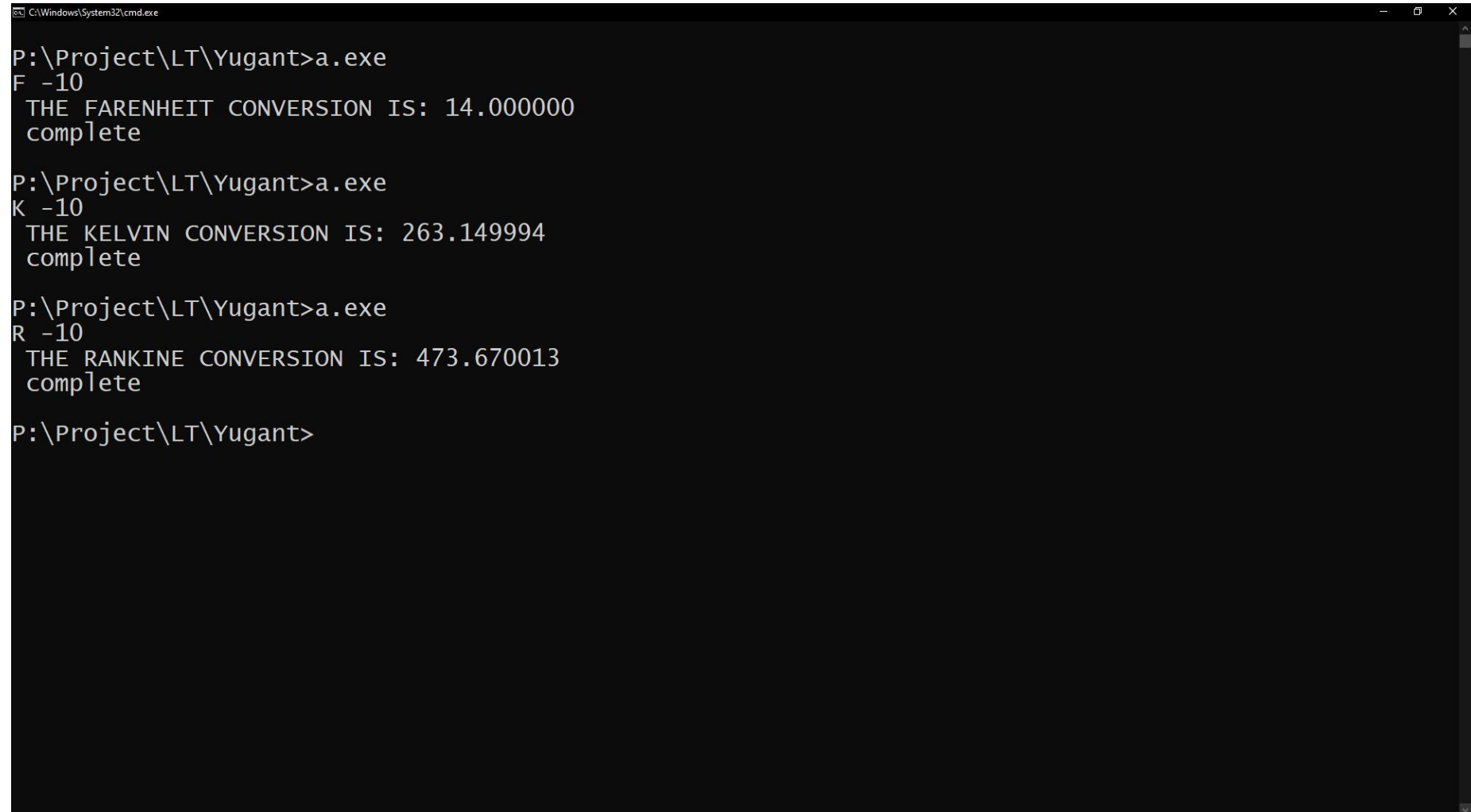
I/Os

INPUT:

F -10

K -10

R -10



```
C:\Windows\System32\cmd.exe
P:\Project\LT\Yugant>a.exe
F -10
THE FARENHEIT CONVERSION IS: 14.000000
complete

P:\Project\LT\Yugant>a.exe
K -10
THE KELVIN CONVERSION IS: 263.149994
complete

P:\Project\LT\Yugant>a.exe
R -10
THE RANKINE CONVERSION IS: 473.670013
complete

P:\Project\LT\Yugant>
```

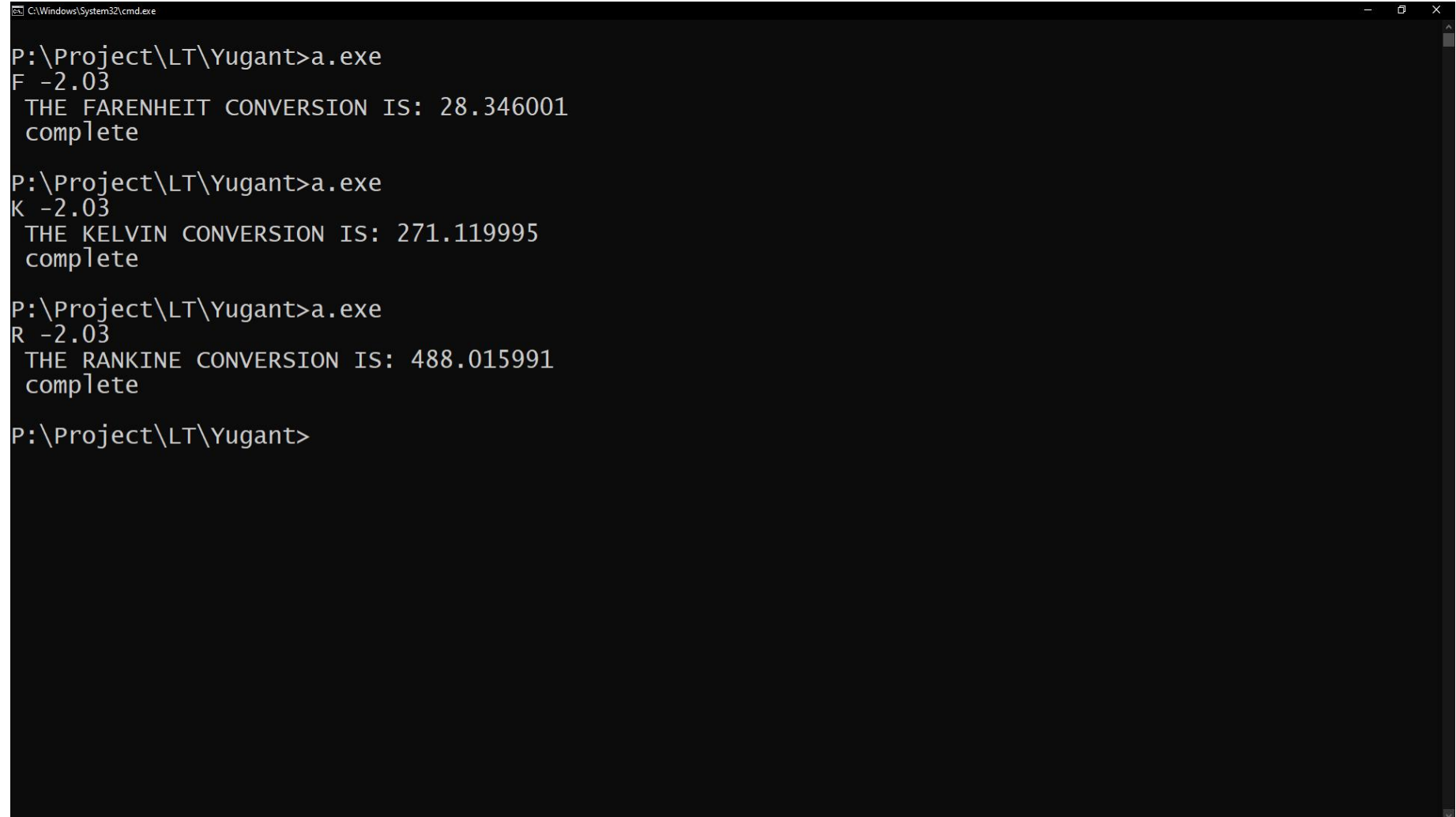
I/Os

INPUT:

F -2.03

K -2.03

R -2.03



```
C:\Windows\System32\cmd.exe

P:\Project\LT\Yugant>a.exe
F -2.03
THE FARENHEIT CONVERSION IS: 28.346001
complete

P:\Project\LT\Yugant>a.exe
K -2.03
THE KELVIN CONVERSION IS: 271.119995
complete

P:\Project\LT\Yugant>a.exe
R -2.03
THE RANKINE CONVERSION IS: 488.015991
complete

P:\Project\LT\Yugant>
```

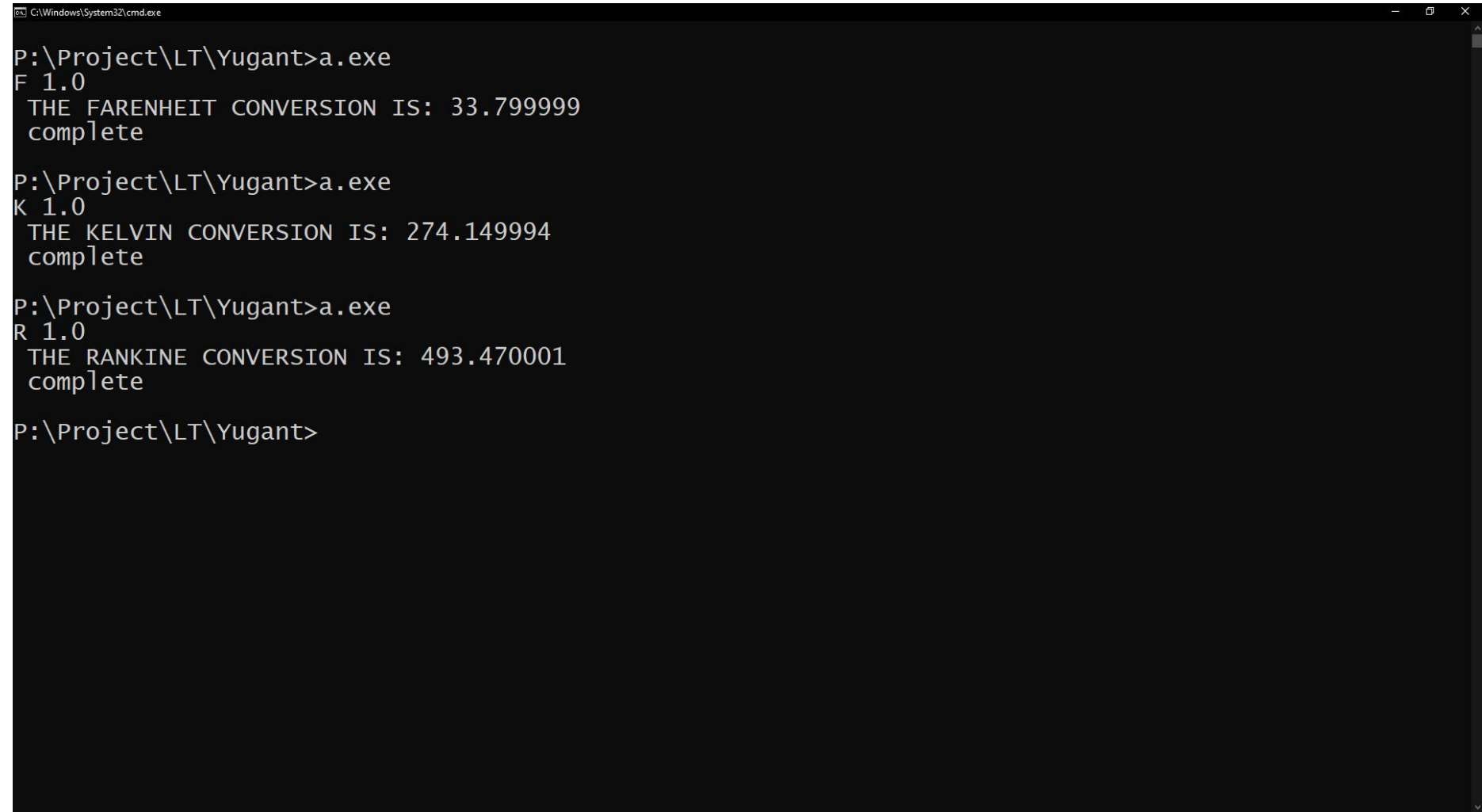
I/Os

INPUT:

F 1.0

K 1.0

R 1.0



```
C:\Windows\System32\cmd.exe
P:\Project\LT\Yugant>a.exe
F 1.0
THE FARENHEIT CONVERSION IS: 33.799999
complete

P:\Project\LT\Yugant>a.exe
K 1.0
THE KELVIN CONVERSION IS: 274.149994
complete

P:\Project\LT\Yugant>a.exe
R 1.0
THE RANKINE CONVERSION IS: 493.470001
complete

P:\Project\LT\Yugant>
```

Github Link to the code

https://github.com/yugi5499/LT_PROJ