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# Homework #5 Output

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ENGR 108

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## Problem 7.6

```
Enter your age in years: 21
Your age is: 21
```

## Problem 7.10

```
Table of sin(x) Values
Angle (radians)  sin(x)
0.00             0.00
0.31             0.31
0.63             0.59
0.94             0.81
1.26             0.95
1.57             1.00
1.88             0.95
2.20             0.81
2.51             0.59
2.83             0.31
3.14             0.00
3.46            -0.31
3.77            -0.59
4.08            -0.81
4.40            -0.95
4.71            -1.00
5.03            -0.95
5.34            -0.81
5.65            -0.59
5.97            -0.31
6.28            -0.00
```

## Problem 7.13

```
% a)
Enter the increment for the table in Fahrenheit: 50
```

Fahrenheit to Kelvin Conversion Table

Fahrenheit	Kelvin
0.00	255.37
50.00	283.15
100.00	310.93
150.00	338.71
200.00	366.48

% b)

Enter the first Celsius temperature for the table: 1

Enter the increment for the table in Celsius: 1

Celsius to Rankine Conversion Table

Celsius	Rankine
1.00	493.47
2.00	495.27
3.00	497.07
4.00	498.87
5.00	500.67
6.00	502.47
7.00	504.27
8.00	506.07
9.00	507.87
10.00	509.67
11.00	511.47
12.00	513.27
13.00	515.07
14.00	516.87
15.00	518.67
16.00	520.47
17.00	522.27
18.00	524.07
19.00	525.87
20.00	527.67
21.00	529.47
22.00	531.27
23.00	533.07
24.00	534.87
25.00	536.67

% c)

Enter the first Celsius temperature for the table: 5

Enter the last Celsius temperature for the table: 25

Enter the increment for the table in Celsius: 2.5

Celsius to Fahrenheit Conversion Table

Celsius	Fahrenheit
5.00	41.00
7.50	45.50
10.00	50.00
12.50	54.50
15.00	59.00
17.50	63.50
20.00	68.00
22.50	72.50

25.00      77.00

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