

code\_2020-03-02

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```
Fahrenheit or Celsius [F/C]: f
Enter the temperature in Fahrenheit: 100
100.0° F. is: 37.8° C.
Programmed by: Ed Corbett -- Mar 23 2020 19:18:04
Press any key to continue . . .
```

G:\TMCC\CS135\Projects\Lab5\code\_2020-03-02\Celsius\_to\_Fahrenheit\Celsius\_to\_Fahrenheit.exe

```
Fahrenheit or Celsius [F/C]: c
Enter the temperature in Celsius: 37
37.0° C. is: 98.6° F.
Programmed by: Ed Corbett -- Mar 23 2020 19:18:04
Press any key to continue . . .
```

Degrees or radians [d/r]: r

Enter an angle in radians: 0.7854

45.0001° = 0.7854 radians

Sine: 0.7071

Cosine: 0.7071

Tangent: 1.0000

Programmed by: Ed Corbett -- Mar 23 2020 19:21:54

Press any key to continue . . .

Degrees or radians [d/r]: d

Enter an angle in degrees: 60

60° = 1.0472 radians

Sine: 0.8660

Cosine: 0.5000

Tangent: 1.7321

Programmed by: Ed Corbett -- Mar 23 2020 19:21:54

Press any key to continue . . .

## Characters for the ASCII Codes

```

    [?] [?] [?] [?] [?] [?]
[?] [?]
[?] [?] [?] [?] [?] [?] [?] [?] [?] [?] [?] [?] [?] [?] [?]
    ! " # $ % & ' ( ) * + , - . /
0 1 2 3 4 5 6 7 8 9 : ; < = > ?
@ A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z [ \ ] ^ _
` a b c d e f g h i j k l m n o
p q r s t u v w x y z { | } ~ [?]

```

Output written to file: `ascii_codes.txt`

Programmed by: Ed Corbett -- Mar 23 2020 19:28:52

Press any key to continue . . .

## Characters for the ASCII Codes

```

    [ ] [ ] [ ] [ ] [ ] [ ]
[ ] ^ [ ] [ ]
[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
    ! " # $ % & ' ( ) * + , - . /
0 1 2 3 4 5 6 7 8 9 : ; < = > ?
@ A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z [ \ ] ^ _
` a b c d e f g h i j k l m n o
p q r s t u v w x y z { | } ~ [ ]

```

G:\TMCC\CS135\Projects\Lab5\code\_2020-03-02\Celsius\_to\_Fahrenheit\_Table\Celsius\_to\_Fahrenheit\_Table.exe

# Temperature Conversion Table

Celsius Fahrenheit

0°	32.0°
1°	33.8°
2°	35.6°
3°	37.4°
4°	39.2°
5°	41.0°
6°	42.8°
7°	44.6°
8°	46.4°
9°	48.2°
10°	50.0°
11°	51.8°
12°	53.6°
13°	55.4°
14°	57.2°
15°	59.0°
16°	60.8°
17°	62.6°
18°	64.4°
19°	66.2°
20°	68.0°

Output written to file: degrees.txt

Programmed by: Ed Corbett -- Mar 23 2020 19:32:57

Press any key to continue . . .

degrees.txt - Notepad

File Edit Format View Help

# Temperature Conversion Table

Celsius Fahrenheit

0°	32.0°
1°	33.8°
2°	35.6°
3°	37.4°
4°	39.2°
5°	41.0°
6°	42.8°
7°	44.6°
8°	46.4°
9°	48.2°
10°	50.0°
11°	51.8°
12°	53.6°
13°	55.4°
14°	57.2°
15°	59.0°
16°	60.8°
17°	62.6°
18°	64.4°
19°	66.2°
20°	68.0°

Angle	Sine	Cosine	Tangent
0°	0.0000	1.0000	0.0000
5°	0.0872	0.9962	0.0875
10°	0.1736	0.9848	0.1763
15°	0.2588	0.9659	0.2679
20°	0.3420	0.9397	0.3640
25°	0.4226	0.9063	0.4663
30°	0.5000	0.8660	0.5774
35°	0.5736	0.8192	0.7002
40°	0.6428	0.7660	0.8391
45°	0.7071	0.7071	1.0000
50°	0.7660	0.6428	1.1918
55°	0.8192	0.5736	1.4281
60°	0.8660	0.5000	1.7321
65°	0.9063	0.4226	2.1445
70°	0.9397	0.3420	2.7475
75°	0.9659	0.2588	3.7321
80°	0.9848	0.1736	5.6713
85°	0.9962	0.0872	11.4301
90°	1.0000	0.0000	undef.

Output written to file: trig\_table.txt

Programmed by: Ed Corbett -- Mar 23 2020 19:35:36

Press any key to continue . . .

Angle	Sine	Cosine	Tangent
0°	0.0000	1.0000	0.0000
5°	0.0872	0.9962	0.0875
10°	0.1736	0.9848	0.1763
15°	0.2588	0.9659	0.2679
20°	0.3420	0.9397	0.3640
25°	0.4226	0.9063	0.4663
30°	0.5000	0.8660	0.5774
35°	0.5736	0.8192	0.7002
40°	0.6428	0.7660	0.8391
45°	0.7071	0.7071	1.0000
50°	0.7660	0.6428	1.1918
55°	0.8192	0.5736	1.4281
60°	0.8660	0.5000	1.7321
65°	0.9063	0.4226	2.1445
70°	0.9397	0.3420	2.7475
75°	0.9659	0.2588	3.7321
80°	0.9848	0.1736	5.6713
85°	0.9962	0.0872	11.4301
90°	1.0000	0.0000	undef.