

Fahrenheit Success Criteria and Test Data

Success Criteria

- Prompt the user
- Correctly convert/calculate the temperature
- Prints the converted temperature
- Re-prompts the user if there's an error

Circumstances

- User inputs a positive integer
- User inputs a negative integer
- User inputs a positive floating number
- User inputs a negative floating number
- User inputs a number less than -273 degrees C
- User inputs a string
- User inputs a number too large
- User inputs a number too small

Test Data

Circumstance	Degrees Celsius	Expected Output	Actual Output	Evaluation
Zero	0	32	32	Passed
Positive Integer	4	39.2	39.2	Passed
Negative Integer	-32	-25.6	-25.6	Passed
Positive Floating Number	12.5	54.5	54.5	Passed
Negative Floating Number	-15.8	3.56	3.56	Passed
Less than -273	-403	Not possible	Not possible	Passed
String	hello	This isn't a number	This isn't a number	Passed
Too Small	$10^{-300000}$	32	32	Passed
Too Large	$10^{3000000}$	infinity	infinity	Passed