Use Case 1: Unit Converter(Fahrenheit to Celcius, Celcius to Fahrenheit)
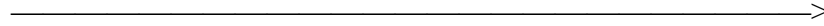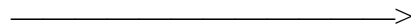
Step 1: The application shows the User Interface.
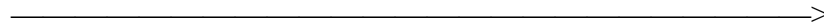————————————————————————————>

_____F   _____C

_____Km   _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal

Step 2: The user inputs a value in
Fahrenheit or Celsius.
————————————————————>

_45_ F   _____C

_____Km   _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal

Step 3: System computes and displays the converted unit.
————————————————————————————————>

_45_ F   _7.22_C

_____Km   _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal

Use Case 2: Unit Converter(Kilometer to Mile, Mile to Kilometer)

Step 1: The application shows the User Interface.
——>

_____F   _____C

_____Km   _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal
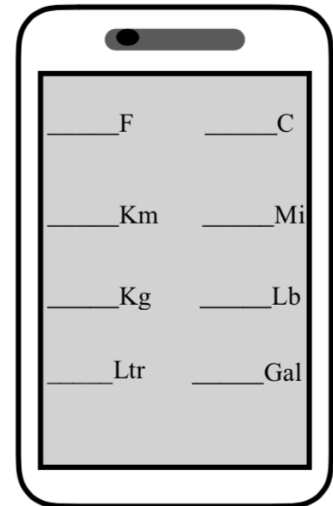
Step 2: The user inputs a value in Kilometers or Miles.
————————————————————————————————>

_____F   _____C

45 _____Km   _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal

Step 3: System computes and displays the converted unit.
——>

_____F   _____C

45 _____Km   27.96 _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal
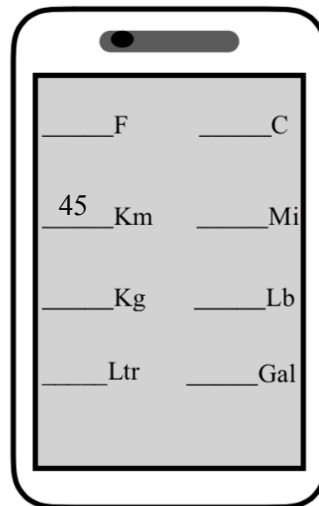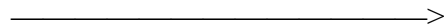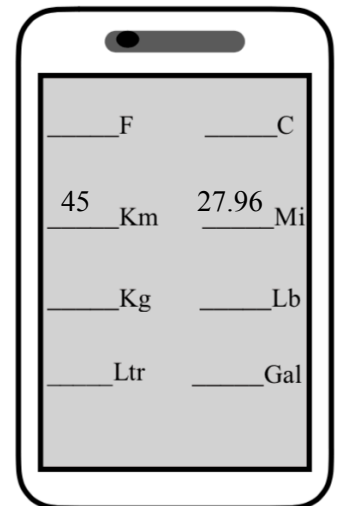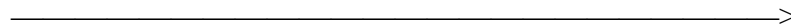
Use Case 3: Unit Converter(Kilograms to Pounds, Pounds to Kilograms)

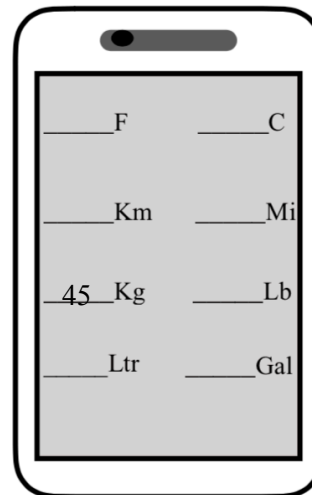Step 1: The application shows the User Interface.
——————————————————————————————>

_____F   _____C

_____Km   _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal
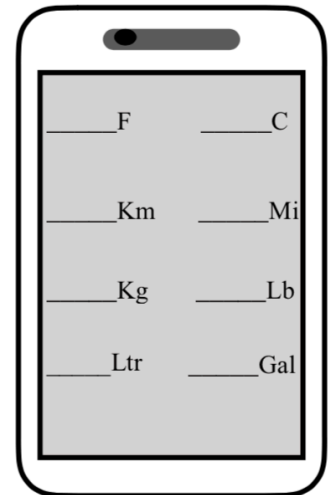
Step 2: The user inputs a value in Kilograms or
Pounds.
——————————————————————>

_____F   _____C

_____Km   _____Mi

__45__Kg   _____Lb

_____Ltr   _____Gal

Step 3: System computes and displays the converted unit.
——————————————————————————————>

_____F   _____C

_____Km   _____Mi

__45__Kg   __99.208__Lb

_____Ltr   _____Gal
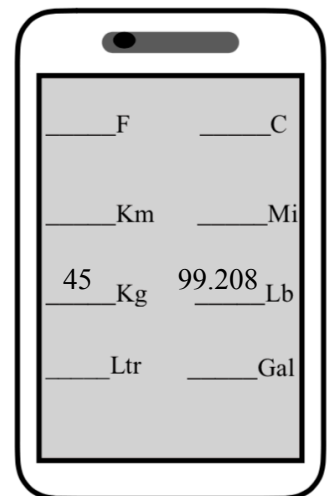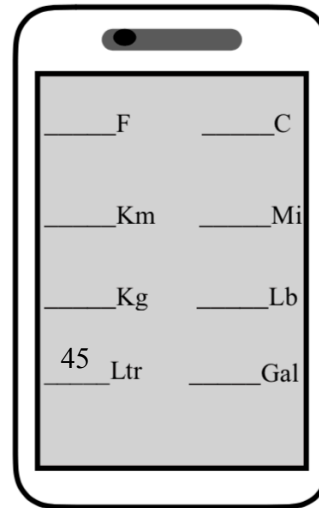
Use Case 4: Unit Converter(Liter to Gallon, Gallon to Liter)

Step 1: The application shows the User Interface.
———————————————————————————————>

_____F   _____C

_____Km   _____Mi

_____Kg   _____Lb

_____Ltr   _____Gal
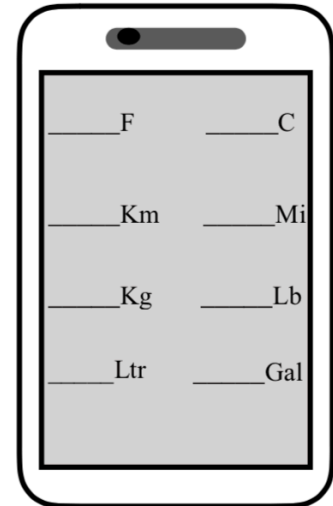
Step 2: The user inputs a value in Liters
or Gallons.
————————————————————————>

_____F   _____C

_____Km   _____Mi

_____Kg   _____Lb

45 _____Ltr   _____Gal

Step 3: System computes and displays the converted unit.
————————————————————————————————>

_____F   _____C

_____Km   _____Mi

_____Kg   _____Lb

45 ____Ltr   11.88 ____Gal
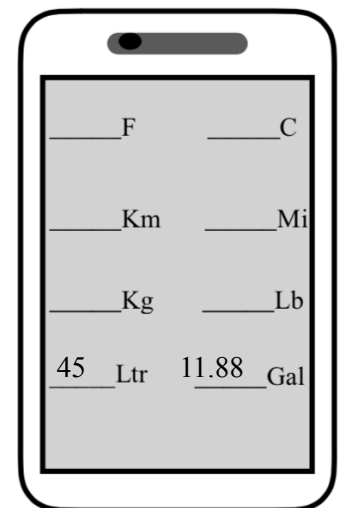
Demonstration Proofs:

Fahrenheit to Celcius:
Kilometers to Miles:
Kilograms to Pounds:
Liters to Gallons:

—————————————————————————————>
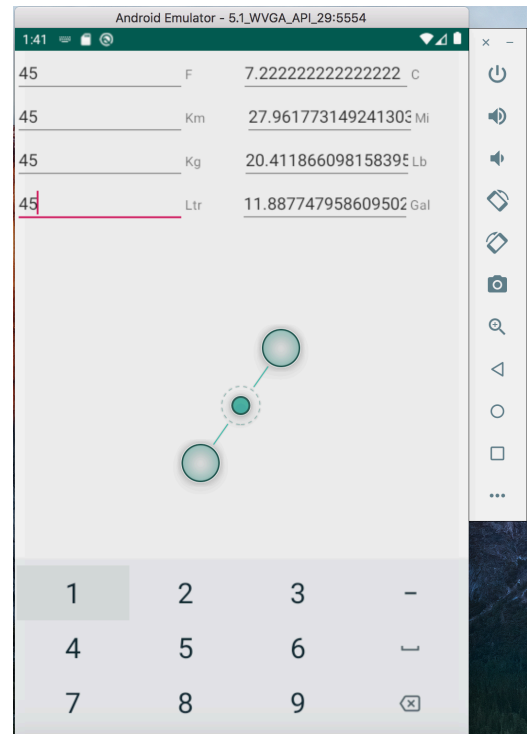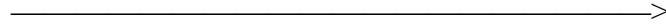
Celcius to Fahrenheit:
Miles to Kilometers:
Pounds to Kilograms:
Gallons to Liters:

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