1. Write a lambda expression that receives two double parameters a and b and returns their product. Use the lambda form that explicitly lists the type of each parameter.

Graphical user interface, text

Description automatically generated

1. Rewrite the lambda expression in Part (a) using the lambda form that does not list the type of each parameter.

Text

Description automatically generated

1. Rewrite the lambda expression in Part (b) using the lambda form that implicitly returns the value of the lambda’s body expression.

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Description automatically generated

1. Write a no-argument lambda that implicitly returns the string "Welcome to lambdas!"

Text

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1. Write a constructor reference for class ArrayList.

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1. Reimplement the following statement using a lambda as the event handler: 1

slider.valueProperty().addListener(

new ChangeListener<Number>() {

@Override

public void changed(ObservableValue<? extends Number> ov,

Number oldValue, Number newValue) {

System.out.printf("The slider's new value is %s%n", newValue);}});

As I understood this code is using of javaFX and observer design pattern to notify when slider is moved and show the new value each when it’s moved.

Graphical user interface, text, application

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For this question, I used this code below same output as above:

