

Make Change Rubric

Criteria	1 – Below	2 – Approaching	3 - Meeting	4 - Exceeding
Conditionals	<ul style="list-style-type: none"> Conditionals are used improperly Braces are not used to delineate the beginning and end of a conditional statement 	<ul style="list-style-type: none"> Conditional tests provide meaningful results 	<ul style="list-style-type: none"> Else and or else-if statements are used correctly 	<ul style="list-style-type: none"> N/A
Loops	<ul style="list-style-type: none"> Only one type of loop is used regardless of the use case For loop end conditions use hardcoded numerics Counter variables are not scoped to their loops 	<ul style="list-style-type: none"> Multiple loop types are used Variables are scoped properly for their use, counters are local to their loop 	<ul style="list-style-type: none"> While/do while loops are terminated by a manipulated boolean value For loops use length properties to terminate iteration 	<ul style="list-style-type: none"> N/A
Methods	<ul style="list-style-type: none"> Methods are not used to separate repeated logic Code primarily exists in one 	<ul style="list-style-type: none"> Methods are used separate repeated logic 	<ul style="list-style-type: none"> The main class calls a single run() method that in turn calls the subsequent logic 	<ul style="list-style-type: none"> N/A

	bloated method			
Arrays	<ul style="list-style-type: none"> • Arrays are not used to store and access data properly • Arrays are named in a non meaningful manner 	<ul style="list-style-type: none"> • Arrays are used to store and access data 	<ul style="list-style-type: none"> • Arrays are named in a descriptive fashion 	<ul style="list-style-type: none"> • N/A
Java Language	<ul style="list-style-type: none"> • Methods or variables are confusingly named or contain inappropriate language • Iteration over arrays excludes the use of the foreach loop, always defaulting to traditional for loops • Method parameters are confusingly named • Class names are 	<ul style="list-style-type: none"> • Method parameters are well named • Class names are singular 	<ul style="list-style-type: none"> • Methods are well named • Foreach loop is correctly utilized when iterating over arrays • Code is indented and organized in a uniform manner 	<ul style="list-style-type: none"> • Code is well commented • Method and variable names create near human readable code

	plural <ul style="list-style-type: none"> • Code is not indented and adheres to no uniform style 			
Make Change	<ul style="list-style-type: none"> • Incorrect change amounts are given to the user 	<ul style="list-style-type: none"> • Correct amounts are given, but no labels as to what the values stand for are given 	<ul style="list-style-type: none"> • The program prompts you to try again upon completion 	<ul style="list-style-type: none"> • Additional functionality is present