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Practical 1

Question	Code
1.	<pre>package com.mycompany.shape; public class Shape { public static void main(String[] args) { System.out.println("Hello World!"); } }</pre>
2.	<pre>package com.mycompany.shape; public class Shape { public static void main(String[] args) { System.out.println("Sachini"); System.out.println("Computer Science"); } }</pre>
3.	<pre>package com.mycompany.shape; public class Shape { public static void main(String[] args) { for(int i=0;i<5;i++) { System.out.println("Executing loop "+i); } } }</pre>
4.	<p>Result with break: 10 20 I'm out of the Loop now</p> <p>Result with continue: 10 20 40</p>

	<p>50</p> <p>I'm out of the Loop now</p>
5.	<p>Results: Excellent! Your grade is A</p> <p>Results without break: Excellent! You passed Better try again Your grade is A</p> <p>Results with if-else: package com.mycompany.shape;</p> <pre> public class Shape { public static void main(String[] args) { char grade ='A'; if(grade=='A') { System.out.println("Excellent!"); } else if(grade=='D') { System.out.println("You passed"); } else if(grade=='F') { System.out.println("Better try again"); } else { System.out.println("Invalid grade"); } System.out.println("Your grade is " + grade); } } </pre>

6.	<p>Corrected code:</p> <pre>package com.mycompany.shape; public class Shape { public static void main(String[] args) { int [] numbers = {10, 20, 30, 40, 50}; for(int x : numbers){ System.out.print(x); System.out.print(","); } System.out.print("\n"); String [] names ={"James", "Tom", "Lacy"}; for(String name : names) { System.out.print(name); System.out.print(","); } } }</pre> <p>Output: 10,20,30,40,50, James,Tom,Lacy,</p>