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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("Esanki");         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&lt;5;i++)         {             System.out.println("Executing loop "+i);         }      } }</pre>
4.	<p><b>Result with break:</b></p> <p>10 20 I'm out of the Loop now</p> <p><b>Result with continue:</b></p> <p>10 20 40</p>

	<p>50</p> <p>I'm out of the Loop now</p>
5.	<p><b>Results:</b>  Excellent!  Your grade is A</p> <p><b>Results without break:</b>  Excellent!  You passed  Better try again  Your grade is A</p> <p><b>Results with if-else:</b>  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><b>Corrected code:</b></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><b>Output:</b> 10,20,30,40,50, James,Tom,Lacy,</p>