

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<5;i++) { System.out.println("Executing loop "+i); } } }</pre>
4.	<p>Result with break:</p> <pre>10 20 I'm out of the Loop now</pre> <p>Result with continue:</p> <pre>10 20 40 50 I'm out of the Loop now</pre>

5.

Results:

Excellent!

Your grade is A

Results without break:

Excellent!

You passed

Better try again

Your grade is A

Results with if-else:

```
package com.mycompany.shape;
```

```
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);
```

```
    }
```

```
}
```

6.

Corrected code:

```
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(",");
        }
    }
}
```

Output:

10,20,30,40,50,
James,Tom,Lacy,