

To write a code for applications we should have knowledge on core java, advanced java and string

Generally, we have 4 types of applications

1. console application

Example hotel ticket machine

In this does not have pointing device

2. Desktop/standalone application

3. web-based applications

In this output is seen in a browser

4. Enterprise applications

Any project where transactions are happening

Example banking websites, Amazon app, Flipkart, Zomato etc

5. Mobile applications

In Java there are '3' basic java programming elements

1) Class

2) Interface

3) Enum

Core Java:

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Syntax:

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Syntax means some set of rules which we need to follow whenever we are writing the code if we are not following the syntax we will be getting an error.

Access Modifiers:

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Access modifiers provides access restrictions which will enhance the data security. In Java we have 4 access modifiers.

- 1) public
- 2) private
- 3) protected
- 4) package-private (default)

In java we have above 50 java languages keywords

In java the **keywords** start with **small letters**

## Java is case sensitive

### Class

```
<Access Modifier>class<class name>
{
.....;
.....;
}
```

In Java we are having '3' basic Java programming elements

#### Access Modifiers

- 1) public
- 2) private
- 3) protected
- 4) package-private (default)

#### Class

```
<AccessModifier>class<ClassName>
{
    -----;
    -----;
}

public class FirstProgram
{
    -----;
    -----;
}
```

#### Interface

```
<AccessModifier>interface<InterfaceName>
{
    -----;
    -----;
}

public interface InterfaceA
{
    -----;
    -----;
}
```

#### Enum

```
<AccessModifier>enum<EnumName>
{
    -----;
    -----;
}

public enum Days
{
    -----;
    -----;
}
```

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