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FINAL TERM ASSIGNMENT

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SUBJECT :- PROGRAMMING.

Q No 1:-

Ans:-

Java provides a number of access modifiers to help you set level of access you want for classes as well as the fields, methods and Constructors in your classes. A member has package or default accessibility when no accessibility modifier is specified.

"Access Modifiers In Java"

The access modifiers in java specifies the accessibility or scope of a field, method, constructor or class. when we can change the access level of field, constructor, method and class by applying the access modifiers on it. These are four types of java access

```
public String getFormat() {  
    return this.format  
}
```

```
}  
public void setFormat(String  
    format) {  
    this.format = format;  
}
```

```
}
```

Here the format variable of the logger class is private so there's, or way for other classes to get value directly.

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|| ~~~~~>

cessed class in the same package,
The field in an interface
are implicitly public static
final and method in an
interface are by default public

EXAMPLE :-

Variable and method can
be declared without any
modifiers, as in the following
example.

```
String version = "1.5.1";
```

```
boolean ProcessOrder() {  
    return true;  
}
```

PRIVATE ACCESS MODIFIER :-

Example :-

The following class use
Private access control.

```
Public class logger {
```

```
    Private String format;
```

modifieds. it cannot be accessed from outside the class

"PRIVATE ACCESS MODIFIER"

Methods, variables and Constructors that are declared Private can only be accessed within the declared class itself.

Private access modifier is the most restrictive access class and interface cannot be Private.

1 DEFAULT ACCESS MODIFIER:-

Default access modifier means we do not explicitly declare an access modifier for a class field method, etc.

A variable or method without any access modifier is available to any other