

# Chapter 16 Advance 2 Annotation java by Munawar

## Annotation in java

Used to provide extra information about a program annotation provides metadata to class/methods.

Following are some common annotations built into java.

1. @ override -----> used to mark overridden elements in the child classes.
2. Suppress warnings ----- >Used to suppress the generated warning by the compiler.
3. Deprecated ----- > Used to mark deprecated methods.
4. Functional Interface ----- > Used to ensure an interface is a functional interface.

## Source Code

```
import javax.naming.CannotProceedException;
import java.lang.reflect.Array;
import java.time.LocalDate;
import java.time.LocalDateTime;
@FunctionalInterface
interface myinterface{
    void oneinterface();
    // if we used two methods in this class then error is occur because it is
functional interface
//    void secondinterface();
}
class phone{
public void time(){
    System.out.println("Time is 10 AM");
}
}
class newphone extends phone{
    @Override // overwrite notation help for overwriting
public void time(){
    System.out.println("Time is 10 PM");
}
}
@Deprecated
```

```
public int add(int a,int b){  
    return a+b;  
}  
}  
public class NewTask {  
    @SuppressWarnings("deprecation")  
    public static void main(String[] args) {  
        newphone ph=new newphone();  
        ph.time();  
        ph.add(22,3);  
    }  
}
```

Thank You