

23BAI1117 – BCSE103E – Java

02/09/2024 – Day6 – Theory

<https://github.com/sriram-s-23BAI1117/javap>

1)

```
interface FirstInterface {
    public void myMethod();
}

interface SecondInterface {
    public void my2ndMethod();
}

interface ThirdInterface{
    public void my3rdMehtod();
}

class DemoClass implements FirstInterface,SecondInterface,ThirdInterface{
    public void myMethod(){
        System.out.println("Some text..");
    }
    public void my2ndMethod(){
        System.out.println("Some other text from interface 2..");
    }
    public void my3rdMehtod(){
        System.out.println("Some text from 3rd interface");
    }
}

public class MultipleInterfaceEx1{
    public static void main(String[] args) {
        DemoClass myObj = new DemoClass();
        myObj.myMethod();
        myObj.my2ndMethod();
        myObj.my3rdMehtod();
    }
}
```

```
PS D:\javap\javap> & 'C:\Program Files\Java\jdk-21\bin\java
kspaceStorage\df070269114bad7e7ee0ccada7d67122\redhat.java\j
Some text..
Some other text from interface 2..
Some text from 3rd interface
```

2)

```
enum Level{
    LOW,
    MEDIUM,
    HIGH
}

public class EnumEx1 {
    public static void main(String[] args) {
        Level myVar = Level.MEDIUM;
        System.out.println(myVar);
    }
}
```

```
PS D:\javap\javap> & 'C:\Program Files\Java\
g\Code\User\workspaceStorage\df070269114bad7e
MEDIUM
PS D:\javap\javap>
```

3)

```
public class EnumEx2 {

    enum Level{
        LOW,
        MEDIUM,
        HIGH
    }

    public static void main(String[] args) {
        Level myVar = Level.MEDIUM;

        switch (myVar) {
            case LOW:
                System.out.println("Low level");
                break;
            case MEDIUM:
                System.out.println("Medium level");
                break;
            case HIGH:
                System.out.println("High level");
                break;
            default:
                break;
        }
    }
}
```

```
PS D:\javap\javap> & 'C:\Program Files\Java\jdk-8.0.60-jre\bin\java.exe' -Xmx1g -Dcom.intellij.workspaceStorage.defaultMediumLevel=1
```

4)

```
public class EnumEx3 {

    enum Level{
        LOW,
        MEDIUM,
        HIGH
    }

    public static void main(String[] args) {
        for (Level myVar : Level.values()){
            System.out.println(myVar);
        }
    }
}
```

```
PS D:\javap\javap> & 'C:\Program Files\Java\jdk-9.0.4\bin\java.exe' -Xmx1024m -Xms128m -Xmn64m -XX:PermSize=64m -XX:MaxPermSize=256m -XX:+UseG1GC -XX:-OmitStackTraceInFastThrow -XX:+UseStringDeduplication -XX:HeapDumpPath=C:\Program Files\Java\jdk-9.0.4\bin\hs_err_pid.log -Djava.awt.headless=true -Dfile.encoding=UTF-8 -Duser.country=US -Duser.language=en -Duser.variant= -jar C:\Program Files\Java\jdk-9.0.4\bin\javap.jar g\Code\User\workspaceStorage\df070269
```

5)

```
import java.time.LocalDate;

public class DateEx1 {
    public static void main(String[] args) {
        LocalDate myObj = LocalDate.now();
        System.out.println(myObj);
    }
}
```

