Let us fill our today
with gratitude🍀

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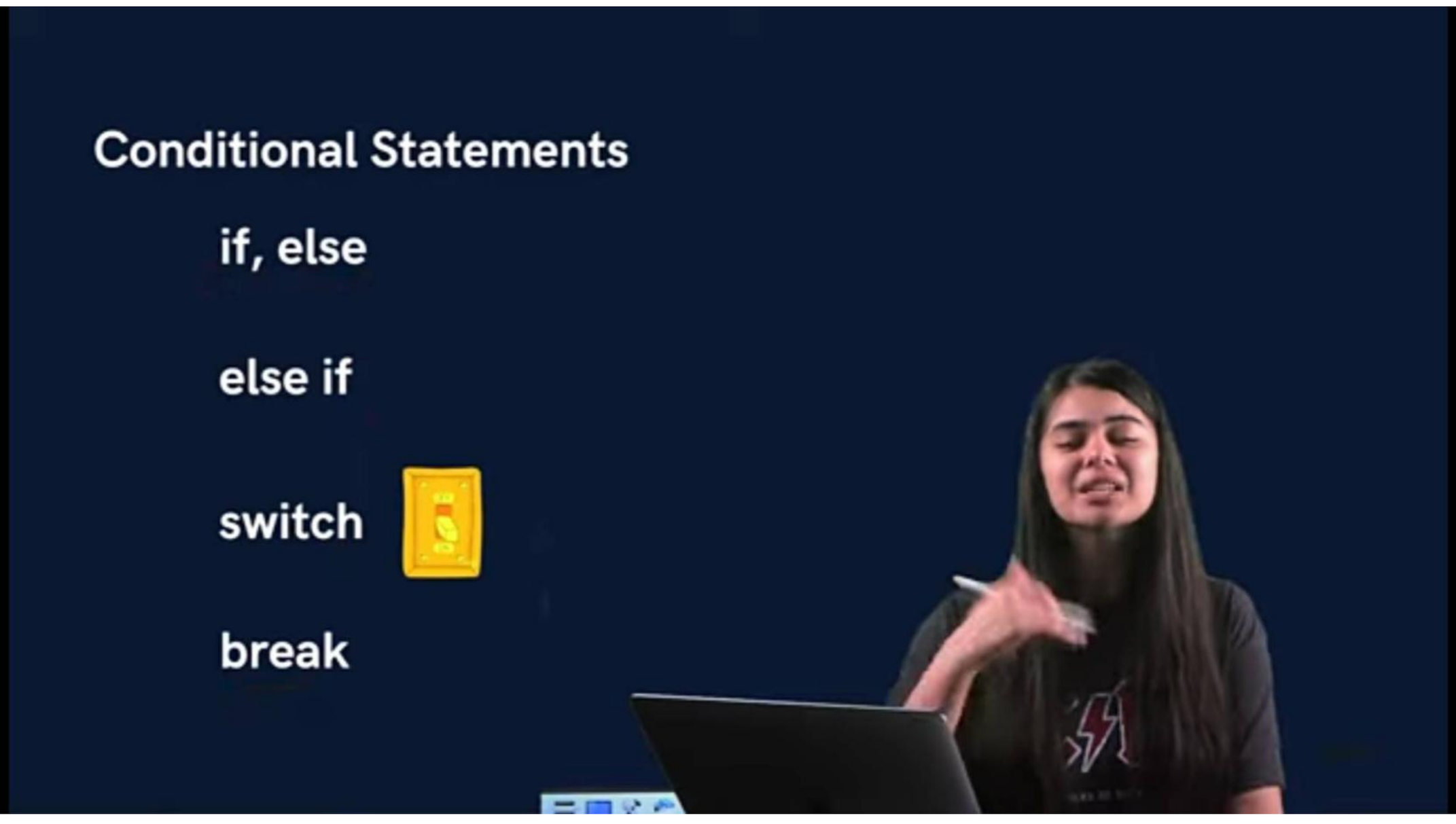

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CONDITIONAL STATEMENTS IN JAVA

```
stt 1;
stt 2;

if (condition) {
  stt 3;
  stt 4;
}
else {
  stt 5;
  stt 6;
}

stt 7;
stt 8;
```

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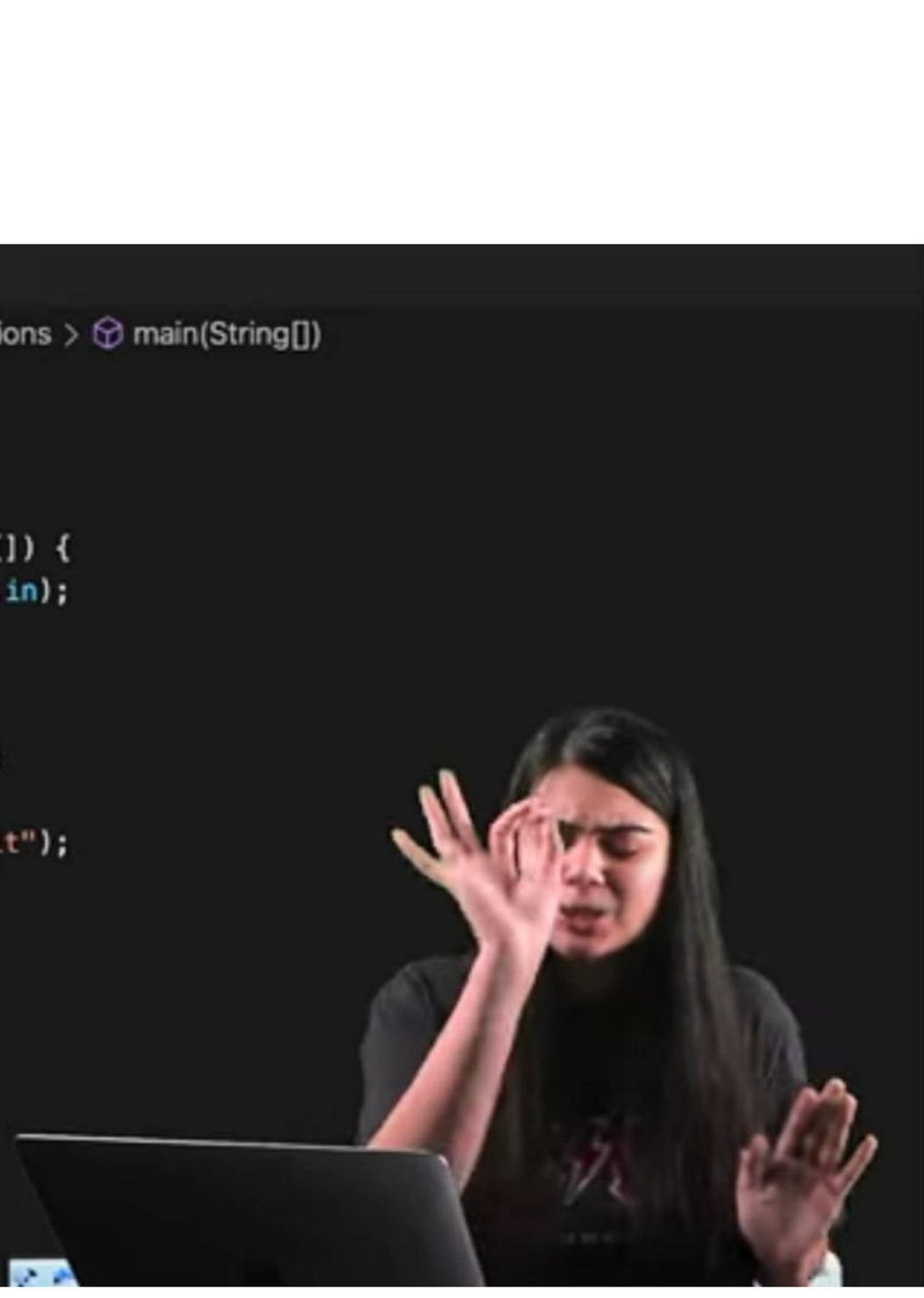
Conditions.java 2

Users > shradhakhapra > Conditions.java > Conditions > main(String[])

```java
import java.util.*;

public class Conditions {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int age = sc.nextInt();

        if(age > 18) {
            System.out.println("Adult");
        } else {
            System.out.println("Not Adult");
        }
    }
}
```



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```java
import java.util.*;

public class Conditions {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int age = sc.nextInt();

        if(age > 18) {
            System.out.println("Adult");
        } else {
            System.out.println("Not Adult");
        }
    }
}
```

PROBLEMS 2 OUTPUT TERMINAL DEBUG CONSOLE

```
shradhakhapra@Shradhas-MacBook-Air ~ %  /usr/bin/
le-preview -XX:+ShowCodeDetailsInExceptionMessages
/T/vscodesws_979eb/jdt_ws/jdt.ls-java-project/bin
15
Not Adult
```

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```
        if(age > 18) {
            System.out.println("Adult");
        } else {
            System.out.println("Not Adult");
        }
    }
}
```

PROBLEMS 2 OUTPUT TERMINAL DEBUG CONSOLE

```
shradhakhapra@Shradhas-MacBook-Air ~ %  /usr/bin/env /Library/Java/J                achines/jdk-1
le-preview -XX:+ShowCodeDetailsInExceptionMessages -Dfile.encoding=                rivate/var/fo
/T/vscodesws_979eb/jdt_ws/jdt.ls-java-project/bin Conditions
21
Adult
shradhakhapra@Shradhas-MacBook-Air ~ %
```

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Conditions.java 2

Users > shradhakhapra > Conditions.java > Conditions > main(String[])

```java
import java.util.*;

public class Conditions {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int x = sc.nextInt();

        if(x % 2 == 0) {
            System.out.println("Even");
        } else {
            System.out.println("odd");
        }

    }
}
```

PROBLEMS 2 OUTPUT TERMINAL DEBUG CONSOLE

```
shradhakhapra@Shradhas-MacBook-Air ~ %  /usr/bin/env /Library/Java/JavaVirtualMachines
le-preview -XX:+ShowCodeDetailsInExceptionMessages -Dfile.encoding=UTF-8 -cp /private/
/T/vscodesws_979eb/jdt_ws/jdt.ls-java-project/bin Conditions
21
Adult
shradhakhapra@Shradhas-MacBook-Air ~ %
```

```
/java --enab
xzc1jc0000gn
```

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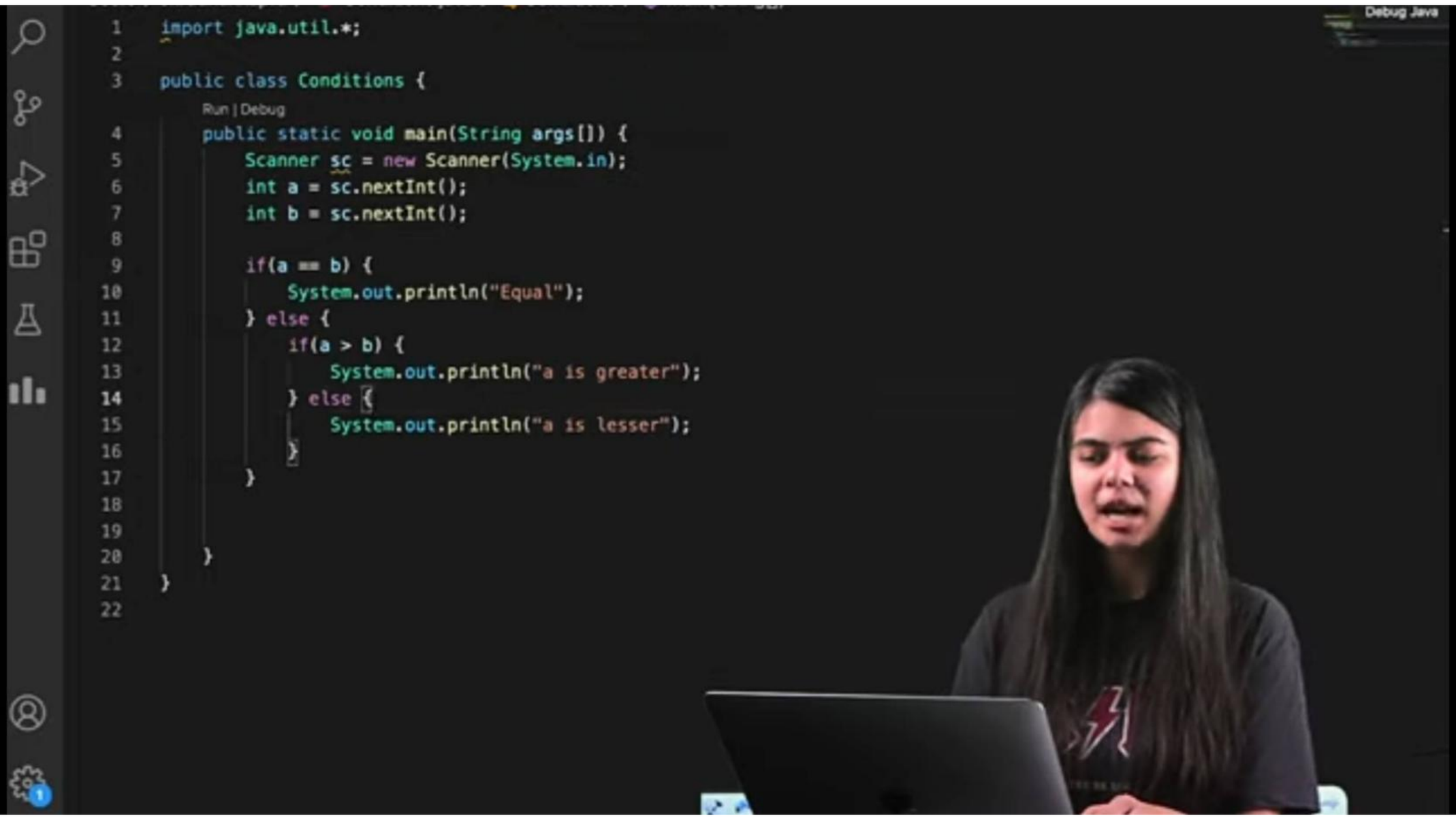
```java
import java.util.*;

public class Conditions {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int x = sc.nextInt();

        if(x % 2 == 0) {
            System.out.println("Even");
        } else {
            System.out.println("odd");
        }
    }
}
```

```
PROBLEMS 2  OUTPUT  TERMINAL  DEBUG CONSOLE

shradhakhapra@Shradhas-MacBook-Air ~ %  /usr/bin/env /Library/Java/JavaVirtualMachines/jdk-16.0.
le-preview -XX:+ShowCodeDetailsInExceptionMessages -Dfile.encoding=UTF-8 -cp /private/var/f
/T/vscodesws_979eb/jdt_ws/jdt.ls-java-project/bin Conditions
21
Adult
shradhakhapra@Shradhas-MacBook-Air ~ %  /usr/bin/env /Library/Java/JavaVirtualMachines/j
le-preview -XX:+ShowCodeDetailsInExceptionMessages -Dfile.en
/T/vscodesws_979eb/jdt_ws/jdt.ls-java-project/bin Conditions
5
odd
shradhakhapra@Shradhas-MacBook-Air ~ %
```

Scanned by TapScanner



Scanned by TapScanner

```java
import java.util.*;

public class Conditions {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int a = sc.nextInt();
        int b = sc.nextInt();

        if(a == b) {
            System.out.println("Equal");
        } else {
            if(a > b) {
                System.out.println("a is greater");
            } else {
                System.out.println("a is lesser");
            }
        }
```

```
PROBLEMS 2  OUTPUT  TERMINAL  DEBUG CONSOLE

shradhakhapra@Shradhas-MacBook-Air ~ %  /usr/bin/env /Library/Java/JavaVirtualMachines/jdk-16
me/bin/java --enab
le-preview -XX:+ShowCodeDetailsInExceptionMessages -Dfile.encoding=UTF-8 -cp /private/var/
f5qxzc1jc0000gn
/T/vscodesws_979eb/jdt_ws/jdt.ls-java-project/bin Conditions
2
5
a is lesser
shradhakhapra@Shradhas-MacBook-Air ~ %
```

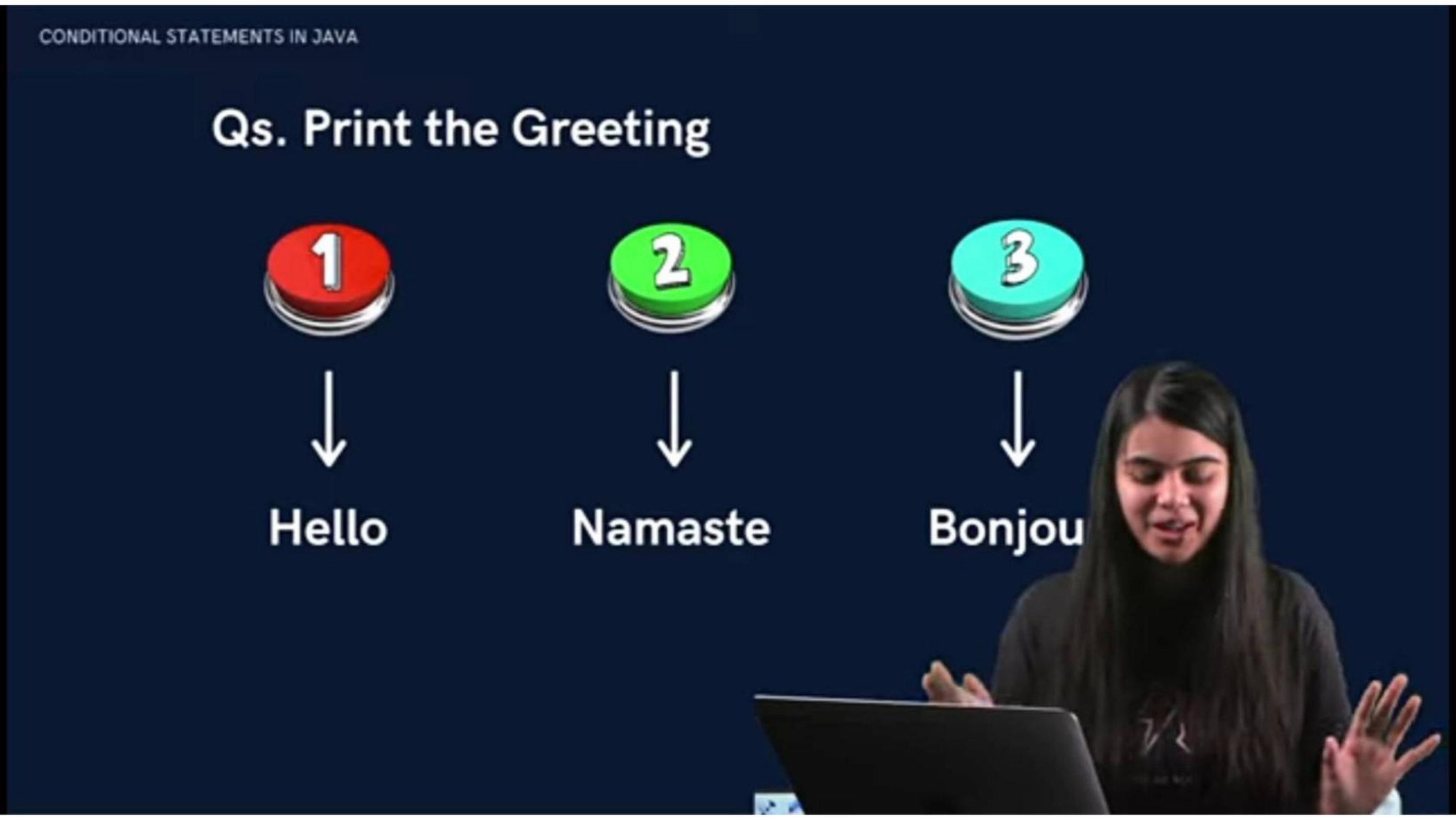
Scanned by TapScanner

```java
import java.util.*;

public class Conditions {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int a = sc.nextInt();
        int b = sc.nextInt();

        if(a == b) {
            System.out.println("Equal");
        } else {
            if(a > b) {
                System.out.println("a is greater");
            } else {
                System.out.println("a is lesser");
            }
        }
```

```
PROBLEMS 2  OUTPUT  TERMINAL  DEBUG CONSOLE

shradhakhapra@Shradhas-MacBook-Air ~ %  /usr/bin/env /Library/Java/JavaVirtualMachines/jdk-16.
ome/bin/java --enab
le-preview -XX:+ShowCodeDetailsInExceptionMessages -Dfile.encoding=UTF-8 -cp /private/var/
nf5qxzc1jc0000gn
/T/vscodesws_979eb/jdt_ws/jdt.ls-java-project/bin Conditions
2
5
a is lesser
shradhakhapra@Shradhas-MacBook-Air ~ %
```

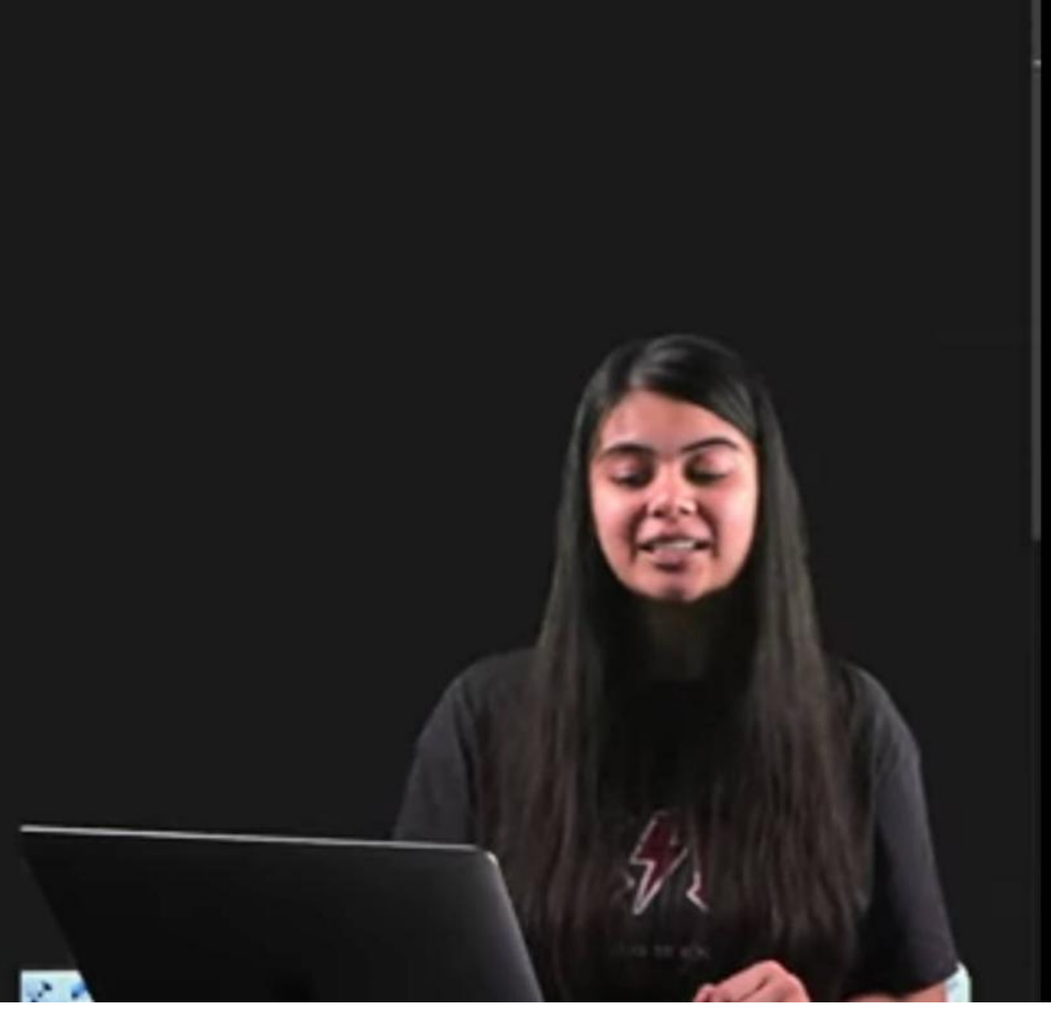
Scanned by TapScanner

Scanned by TapScanner



Scanned by TapScanner

```java
import java.util.*;

public class Conditions {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int button = sc.nextInt();

        if(button == 1) {
            System.out.println("Hello");
        } else if(button == 2) {
            System.out.println("Namaste");
        } else if(button == 3) {
            System.out.println("Bonjour");
        } else {
            System.out.println("Invalid Button");
        }

    }
}
```



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CONDITIONAL STATEMENTS IN JAVA

```
switch (variable) {
case 1 :    stt 1;
            break;

case 2 :    stt 2;
            break;

case 3 :    stt 3;
            break;

default :   stt 4;
}
```

Scanned by TapScanner

```
// } else if(button == 3) {
//     System.out.println("Bonjour");
// } else {
//     System.out.println("Invalid Button");
// }

switch(button) {
    case 1 : System.out.println("hello");
    break;
    case 2 : System.out.println("Namaste");
    break;
    case 3 : System.out.println("Bonjour");
    break;
    default : System.out.println("Invalid Button");
    }

    }
}
```

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