

1)DO-WHILE

```
class Do {  
    public static void main(String[] args) {  
        int a = 0;  
        do {  
            a = a + 1;  
            System.out.println(a);  
        } while (a < 10);  
    }  
}
```

OUTPUT :

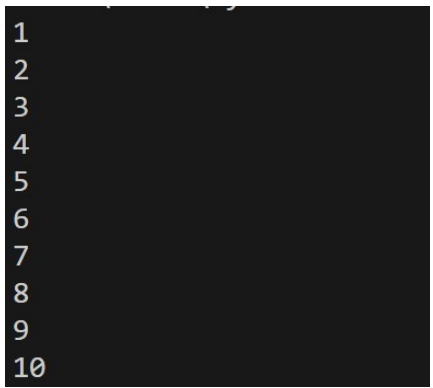


```
1  
2  
3  
4  
5  
6  
7  
8  
9  
10
```

2)FOR

```
class For {  
    public static void main(String[] args) {  
        int a = 10;  
        int i;  
        for (i = 1; i <= a; i++) {  
            System.out.println(i);  
        }  
    }  
}
```

OUTPUT :



```
1  
2  
3  
4  
5  
6  
7  
8  
9  
10
```

3)IF-FOR

```
class IfFor {  
    public static void main(String args[]) {  
        int a = 10;  
        int b = 20;  
        int i;  
        for (i = 0; i < 5; i++) {  
            if (a == b) {  
                System.out.println("This is my first program");  
            } else {  
                System.out.println("Invalid condition");  
            }  
        }  
    }  
}
```

OUTPUT :

```
Invalid condition  
Invalid condition  
Invalid condition  
Invalid condition  
Invalid condition
```

4)WHILE

class While

```
{  
    public static void main(String[] args) {  
        int a = 0;  
        while (a < 10) {  
            System.out.println(a);  
            a++;  
        }  
    }  
}
```

OUTPUT :



```
0  
1  
2  
3  
4  
5  
6  
7  
8  
9
```

5)BREAK

```
class Break {  
    public static void main(String args[]) {  
        int i;  
        for (i = 0; i < 5; i++) {  
            if (i == 3)  
                break;  
            System.out.println(i);  
        }  
    }  
}
```

OUTPUT :



0
1
2

6)IF-ELSE

```
class Condition {  
    public static void main(String args[]) {  
        int a = 10;  
        int b = 20;  
        if (a == b) {  
            System.out.println("This is my first program");  
        } else {  
            System.out.println("Invalid condition");  
        }  
    }  
}
```

OUTPUT :

```
Invalid condition
```

7)CONTINUE

```
class Continue {  
    public static void main(String args[]) {  
        int i;  
        for (i = 0; i < 5; i++) {  
            if (i == 3)  
                continue;  
            System.out.println(i);  
        }  
    }  
}
```

OUTPUT :



```
0  
1  
2  
4
```

8)IF-ELSE LADDER

```
class ifelseladder {  
    public static void main(String args[]) {  
        int a = 10;  
        int b = 20;  
        if (a == b) {  
            System.out.println("a is equal to b");  
        } else if (a > b) {  
            System.out.println("A is greater then b");  
        } else {  
            System.out.println("b is greater than a");  
        }  
    }  
}
```

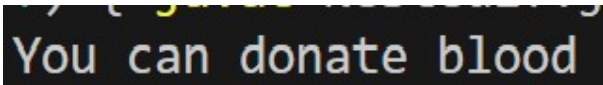
OUTPUT :

```
b is greater than a
```


9) NESTED-IF

```
class Nestedif {  
    public static void main(String[] args) {  
        int age = 21;  
        int weight = 75;  
        if (age >= 18) {  
            if (weight > 50) {  
                System.out.println("You can donate blood");  
            }  
        }  
        else  
            System.out.println("You cannot donate blood");  
    }  
}
```

OUTPUT :

A screenshot of a terminal window with a dark background. The text "You can donate blood" is displayed in a light-colored, monospaced font. Above the text, there are some faint, partially visible characters that appear to be remnants of a command or prompt.