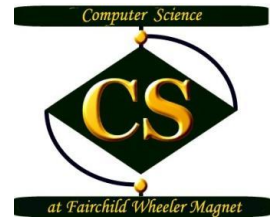




Decision Structures (2)



Try to figure out what would come out for each code segment and then type it in to the computer to check.



```
import java.util.Scanner;  
public class MyClass {  
  
    static Scanner in = new Scanner(System.in);  
    public static void main()  
    {
```

Your stuff goes here

```
}  
}
```



```
int a=7, b = 6, c = 2;
```

```
1. if (a < 5)  
    System.out.print("Joe");  
else  
    System.out.print( "Sue");
```

2. if (a > 4)

 System.out.print("Mike");

if (a < 8)

 System.out.print("Tom");

3. if (a > 4)

 System.out.print("Mike");

else

 System.out.print("Fred");

4. if (b - 6 == 0)

 System.out.print("Even");

else

 System.out.print("Odd");

5. if (b <= c)

 System.out.print(b+c);

else

 System.out.print(b-c);

6. if (c > 2)

 {System.out.print("Joe");

 System.out.print("Tom");

 }

7. if (c - 2 == 1)

 System.out.print("Joe");

 System.out.print("Tom");

8. if (a < c)

 System.out.print("Tom");

if (c < a)

 System.out.print("Mike");

9. if (a + b < c)

 System.out.print("Tom");

else

 System.out.print("Mary");

10. if (c > b)

 System.out.print(a + b * c);

else

 System.out.print(c + b * a);

11. if (a - 2==0)

 System.out.print("Sue");

else

 System.out.print("Fred");

12. if (a > 3)

 System.out.print("Helen");

else

 System.out.print("Joe");

13. if (a > 12)

 System.out.print("Central");

else

 System.out.print("High");

```
14. if (a - b == 1)
    System.out.print( "Joe");
```

```
15. if (b != 6)
    System.out.print( "Fred");
else
    System.out.print( "Mike");
```

```
16. if (b > 3)
    {System.out.print( "Tom");
    System.out.print( "Joe");
    }
else
    System.out.print("Mike");
```

```
17. if ( a > b)
    System.out.print( "Pete");
else
    System.out.print( "Nancy");
```

```
18. if (a > b)
    System.out.print( "Helen");
else
    {System.out.print( "Debbie");
    System.out.print("George");
    }
```

```
19. if (a > 8)
    System.out.print( "Tom");
    if (a < 8)
        System.out.print( "Pete");
```

```
20. if ( c > b)
    System.out.print( "Tom");
    if ( c < 4)
        System.out.print( "Mike");
        System.out.print( "Fred");
```