**1. if statement**

true

false

Println

X: a is greater than b

Input a=10, b=5

if a>b

**2. if else statement**

false

Input a=10, b=5

if a>b

true

Println

X: a is less than b

Println

X: a is greater than b

3. if else if

If body of above condition

Println (X: a is equal to b)

Println (X: a is greater than b

Println (x: a is less than b)

else

Else if a>b

If a==b

Input a=10 b=5

true

false

true

false

true

4. nested if

If a<b

If a!=b

Input a=10, b=5

Body of above statement

Println (x: a is greater than b)

Println (x: a is less than b)

else

Println (x: a is not equal to b)

false

false

5. Switch statement

Println ("Today is Monday"); break;

Println ("Today is Tuesday"); break;

Println ("Today is Wednesday"); break;

Case 3

Case 2

Case 1

Input a=10 b=5

true

true

false

true

false

true

false

Println ("Today is Thursday"); break;

Case 4

false

true

Println ("Today is Friday");

Break;

Case 5

true

default

Println ("It's a weekend day"); break;