If Statement

```
Declare @a int
, @b int;

set @a = 20;
set @b = 10;

IF @a > @b
BEGIN
PRINT 'Yes A is greater than B'
END
------------------------------

Declare @year int;
set @year =201;
```

```
IF @year >= 2000
BEGIN
PRINT '21st century'
END

ELSE
BEGIN
PRINT '20th century or earlier'
END
```

_____

```
Declare @score int;
set @score = 80;

IF @score >= 90
BEGIN
PRINT 'Grade A'
```

```
END
ELSE
BEGIN
IF @score >= 80
BEGIN
PRINT 'Grade B'
END
ELSE
BEGIN
PRINT 'Grade C or lower'
END
END
```

------------------Using IF with Variables and Conditional Assignments----------------------

```
DECLARE @age INT;
SET @age = 25;
```

```
IF @age >= 18
BEGIN
PRINT 'Adult'
END
ELSE
BEGIN
PRINT 'Minor'
END
```

```
DECLARE @max INT;
Declare @a int, @b int;
set @a = 20;
set @b=10;

----Conditional assingment
IF @a > @b
SET @max = @a
```

```
ELSE
SET @max = @b

Print @max;
```