Bit-wise Operator

Topics

- Introduction

- Bitwise AND

- Bitwise OR (|)

- Bitwise NOT (~)

- Bitwise Left Shift (<<) and Right Shift (>>)

PW SKILLS

Bitwise AND

Syntax

```
result = operand1 & operand2;
```

Bitwise OR (|)

Syntax

```
result = operand1 | operand2;
```

Bitwise XOR (^)

Syntax

```
result = operand1 ^ operand2;
```

Bitwise NOT (~)

Syntax

```
result = ~operand;
```

Bitwise Left Shift (<<) and Right Shift (>>)

Syntax

```
result = operand << num_bits;  // Left shift
result = operand >> num_bits;  // Right shift
```