

Conditional Statements

if, else

else if

ternary operator

switch

If-else Statements

```
if (condition) {
```

```
}
```

```
else {
```

```
}
```

Print the largest of 2

A = 1, B = 3

Print if a number is Odd or Even

4 (even)

1 (odd)

else if Statements

```
if (condition 1) {
```

```
}
```

```
else if (condition 2) {
```

```
}
```

```
else {
```

```
}
```

Income Tax Calculator

income < 5L

0% tax

income between 5 – 10L

20% tax

income > 10L

30% tax

Print the largest of 3

A = 1, B = 3, C = 6

ternary Operator

variable = condition ? statement1 : statement2;

int larger = (5 > 3) ? 5 : 3;

String type = (5 % 2 == 0) ? "even" : "odd";

Check if a student will Pass or Fail

marks ≥ 33 : **PASS**

marks < 33 : **FAIL**

Switch Statement

```
switch (variable) {  
    case 1 :  
    case 2 :  
    case 3 :  
    case 4 :  
    default :  
}
```

Calculator

+, -, *, /, %