If Statement

```cpp
if (condition1) {
    code1;
} else if (condition2) {
    code2;
} else {
    code3;
}
```

- `condition1 & 2`: A logical statement to be evaluated
- `code1`: Code to be run if the condition1 is true
- `code2`: Code to be run if condition1 is false but condition2 is true
- `code3`: Code to be run if all other conditions are false

Loops

```cpp
while (condition) {...}
for (init; condition; operation) {...}
do {... while (condition);
```

- `condition`: Logical statement that must be true to continue loop
- `init`: Place to initialize variable only in the scope of the loop
- `operation`: Place for operation, usually to increment/decrement counter

Functions

```cpp
type name(parameters) {
    code;
    return data;
}
```

- `type`: Function’s return type
- `parameters`: Variables to be sent to the function
- `code`: Code to be run inside function
- `data`: Data to be returned by the function