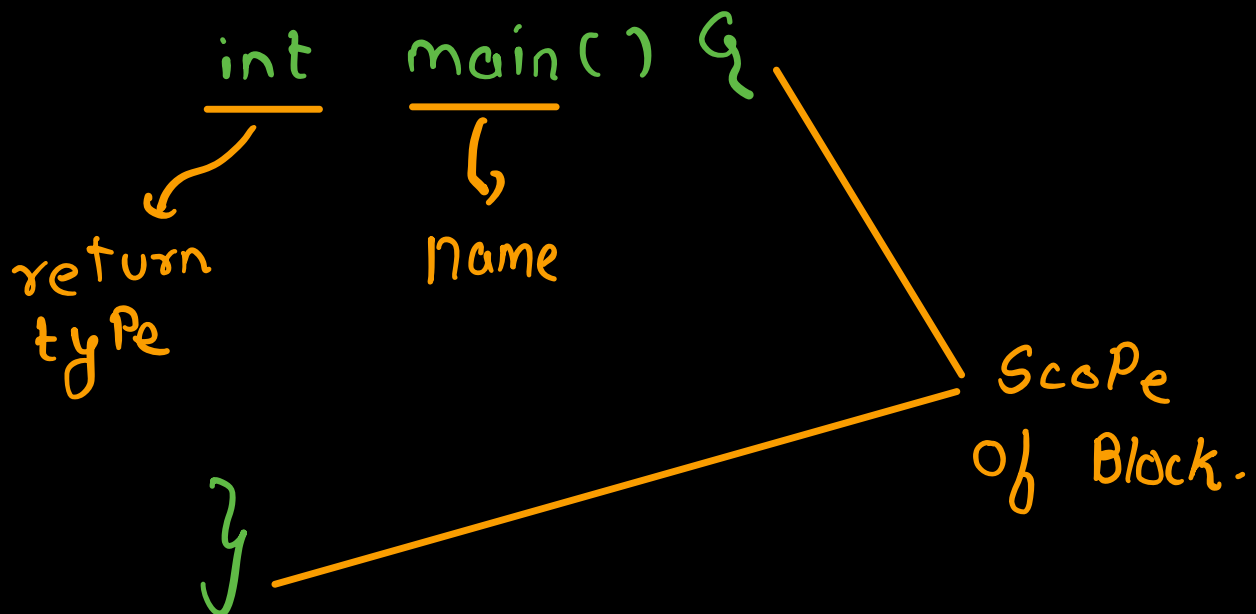- Our code will always start from int main() which is a function.

- Function is an entity to which some i/p is given & function produces output.

-

$$\underline{int} \quad \underline{main()} \; \{$$

return type

name

Scope of Block.

}

return type :- what will function return.

- **Printing name**

To print anything to stdout we
can use cout function which is
available in namespace std;

cout << "Chaitanya" ;
                                    end of line.

cout is available in a header
file iostream. So we need to
include this file.

```cpp
#include <iostream>
using namespace std;

int main() {

    cout << "Chaitanya";
    return 0;
}
```

#include => it is a PreProcessor directive. It includes the header files before compilation Process.

. When we want to print on next
  line we can use :-

  i) endl

  ii) "\n"

  \n is efficient & fastest way.

• When we want to Comment
  we can use

  | command + / |

  commented code will not execute.

• return 0 ; it mainly supply
  signals to the O.S that everything
  went smoothly. It is not

mandotory .

How to take i/P
....

we can take i/p using cin function.

```
cin >> num;
```

This will take
i/p & store it in
num variable.