

Function Overloading:

* Two or more function can have same name only if the parameters are different. Then function overloading occurs.

Eg:- main () {

 fun (15);

 fun (15.08);

}

static void fun (int x) {

 }

static void fun (double x) {

 }

- It will identify which function to execute during compilation time.

- Function overwriting happens at runtime. It will be discussed in OOPS.

- While function overloading, you should pass the parameters or else it will produce errors.

Armstrong Number :

Eg:- 153

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1³ + 5³ + 3³

$$1^3 + 5^3 + 3^3 = 1 + 125 + 27 = 153 \checkmark$$