# C++

# OOPs Basics

Bjarne Stroustrup

added security

added some code

C with Classes

encapsulation

polymorphism

inheritance

ABSTRACTION

## polymorphism:

### function overloading:

### operator overloading:

<< left shift operator

<< with cout meaning changes

internally defined

|  |  |
| --- | --- |
| objx | objy |
| feet = 12 | feet = 12 |
| bill | bill |
| flipper | flipper |
| display() | |

## access specifiers:

public

private

protected

## namespace:

vichar ask

vichar thought

vicharam sad

avasara hastiness

avasar opportunity

avasar requirement

using generic;

vichar

using kannada;

avasara (means being in haste)

float

double

## class:

scope resolution operator ::

## polymorphism:

### function overloading:

by number of args

by data type of args

ambiguous

### cast:

implicit typecasting

### default values:

write right most

ambiguous