

# Lab exercise : Calling a Constructor From a Constructor

- Create a class called Person where, id, firstName, lastName, and age attributes are declared.
- Create four constructors
  - In first, set all attributes;
  - In the second, assign only first and last names, automatically increment id and age will be set to zero;
  - In the third, only set id, and set rest to default values;
  - In the last only increment id, set the rest to default values.

## DECK OF A CARD

Create a Card class: A card has a rank and a suit. In constructor it takes suit and rank as an input

Suit : DIAMOND, CLUB, HEART, SPADE

Rank : ACE, TWO, THREE, FOUR, FIVE, SIX, SEVEN, EIGHT, NINE, TEN, JACK, QUEEN, KING

getSuit() : returns suit

getRank(): returns rank

getValue(): returns a value of the card (1-13)

toString() : prints suit and rank

Create a Deck class: A standard 52-card deck comprises 13 ranks in each of the four suits.

In constructor 52 cards are initialized.

print(): print all cards in a deck