Contents

- Constructor
- Types of constructors
- Constructor overloading
- Method Overloading
- Static members

Constructor

- **Program without constructor.**
- All objects that are created must be given initial values .
- Done this using 2 approaches
- ➤ The dot operator is used to access instance variables and then assign values to them individually.
- ➤ Used **getData()** method to initialize each object individually using statement like,

    rect1.getData(15,10);

Constructor

- It would be simpler and more concise to initialize an object when it is first created.
- Java supports a special type of method called a constructor, that enables an object to initialize itself when it is created.
- Constructors have the same name as the class itself.
- They do not specify return type, nor even void.

- Program

Constructor

- Types of constructors
- ➢ Default
- ➢ Parameterized
- ➢ Copy constructor(creates an object using another object of the same Java class)