**Day 2:**

**Scanner is a pre defined class which help to take the value through keyboards.**

**Syntax**

**Scanner sc = new Scanner(System.in);**

**nextByte(), nextShort(), nextInt(), nextLong(), nextFloat(), nextDouble()**

**nextBoolean()**

**but no nextChar()**

**to take string value next() it will take one word more than one word nextLine()**

**This class is part of util package.**

**Inheritance**

**Polymorphism**

**One name many forms or many implementation**

**Compile time polymorphism**

**Static binding or early binding**

**Method overloading:**

The method have same name but different parameter list(number of parameter list or type of parameter list must be different)

**Run time polymorphism**

**Late binding or dynamic binding**

**Method overriding:**

**Method have same name and same method signature(number of parameter list, type of parameter list and return type must be same).**

**To achieve method overriding we need inheritance.**