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Branch - CBA , Batch - 31
OOP Exercise - Inheritance 1

Problem : Create a class with a method that prints "This is parent class" and its subclass with another method that prints "This is child class". Now, create an object for each of the class and call
1 - method of parent class by object of parent class
2 - method of child class by object of child class
3 - method of parent class by object of child class

Code :

```java
// YSL - Yash S Lakhtariya
class krsna // parent class
{
  public void prnt()
  {
    System.out.println("\n\tThis is parent class");
  }
}


class govind extends krsna //child class
{
  public void extnd()
  {
    System.out.println("\n\tThis is child class");
  }
}
public class YSL_ex_inhrt1 {
  public static void main(String[] args)
  {
    krsna haribol = new krsna(); // creating object for parent class
    haribol.prnt(); // calling method using the parent  class

    govind jai = new govind(); // creating object for child class
```

```
    jai.extnd(); // calling method using the child class
    jai.prnt(); // calling parent class method using the child class object
  }

}
```

Output :


```
1   // YSL - Yash S Lakhtariya
2   class krsna // parent class
3   {
4     public void prnt()
5     {
6       System.out.println("\n\tThis is parent class");
7     }
8   } <- #3-8 class krsna // parent class
9
10  class govind extends krsna //child class
11  {
12    public void extnd()
13    {
14      System.out.println("\n\tThis is child class");
15    }
16  } <- #11-16 class govind extends krsna //child class
17  public class YSL_ex_inhrt1 {
    Run | Debug
18    public static void main(String[] args)
19    {
20      krsna haribol = new krsna(); // creating object for parent class
21      haribol.prnt(); // calling method using the parent  class
22
23      govind jai = new govind(); // creating object for child class
24      jai.extnd(); // calling method using the child class
25      jai.prnt(); // calling parent class method using the child class object
26    } <- #19-26 public static void main(String[] args)
27
28  } <- #17-28 public class YSL_ex_inhrt1
```

```
cd "/home/yash/Documents/Java/" && javac YSL_ex_inhrt1.java && java YSL_e
x_inhrt1

yash@haribol64 in ~/Documents/Java via   v18.0.2
λ cd "/home/yash/Documents/Java/" && javac YSL_ex_inhrt1.java && java
YSL_ex_inhrt1
        This is parent class

        This is child class

        This is parent class

yash@haribol64 in ~/Documents/Java via   v18.0.2 took 408ms
λ _
```