

```

1package javapractice;
2//Method overloading or compile time polymorphism
3//public class polymorphism {
4//public static int add(int a,int b) {
5// return a+b;
6// //System.out.println("Addition:"+(a+b));
7//}
8//public static void add(double a,double b) {
9// System.out.println("Addition:"+(a+b));
10//}
11//
12//public static void main(String[] args) {
13// System.out.println(add(10,20));//add(10,20);
14// add(100,200);
15//}
16//}
17
18//Run time polymorphism or method over-riding
19class poly{           //parent class
20 public void poly_method() {
21 System.out.println("Parent method");
22 }
23}
24class poly_child extends poly{
25 @Override
26 public void poly_method() {
27 System.out.println("Child method");
28 }
29}
30public class polymorphism{
31 public static void main(String args[]) {
32 poly_child p=new poly_child();
33 p.poly_method();
34 }
35
36}

```