Contents

Class Libraries

super

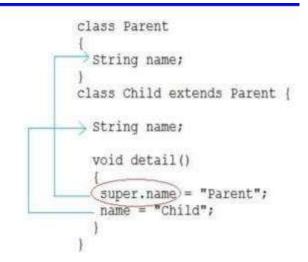
 invoke the super-class constructor from the constructor of a sub-class.

super (arguments if any);

 invoke the method of super-class on current object from sub-class.

supermethodName (arguments if any);

 refer the super-class data member in case of nameconflict between super and sub-class data members.
 super.memberName;



wrapper classes (immutable)

| Simple Data types | byte, short, int, long, char, float, double, Boolean, void |
|-------------------|---|
| Wrapper Classes | Byte, Short, Integer, Long, Character, Float, Double, Boolean, Void |

Important methods of Integer class: intValue(), compareTo(), parseInt(),
toString(), isNaN()

Type Casting

- Implicit type casting Destination type is larger than source type
 int a=5; float b; b=a;
- Explicit type casting if there is a possibility of data class
 int i = (int) (5.6/2/7);

Scanner class

import java.util.Scanner;

```
Scanner sc = new Scanner (System.in);
int i = sc.nextInt();
System.out.println("You entered" + i);
```

String Handling

String handling methods: length(), indexOf(), substring(), trim(), valueOf(), isEmpty(), concat().

| String Concatenation | concat() |
|----------------------------|----------|
| StringBuffer Concatenation | append() |

+ operator for String Concatenation:

