2.3 Authors: Rudsam Joshi; Mainuddin Memon Block 1 int countes = 0; int the Number Three= 3; String eistring: 123; String bString: "123"; String CString: "12" +" String dString: "12" + th dString: "12" + the Number Thane eString: "123" + aString 1String: "123123" Variable 10 123" 123123" 123123" 13 13. 10

Explanation of Output: 1. tque Since the two Strings point to the same address (10), the output is True 2. true The concatenation of two literals have no effect on the painting to the address 10 by String. 3. false
The addition of literal "12" with variable
the Number Three creates a new String which points to address 11 in the memory model. The addition of variable astring with literal "123" creates a new String pointing to new address (12).

Since, address is differente, the

== operation returns false.

Scanned with CamScanner

25	"123"	
26	"123"	
27	"123"	
28	"123123"	
29	"123123"	
	28	ff. Sping
	25	eestine
	25	dd Shig
	27	CcShine
	26	hashine
	25	bashing
		J

Explanation of Output Since aastring & bbstring are two new String objects their addresses are different. Hence, the output is false. Address pointed by ccString is different from that of aastring, the output is false. astring points to the address of literal "123" addstring also points to the same value as method I returns "123" with same address 8. true Methoda returns a method call to method! which in turns returns "123" pointing to the same address of aastring. 9. Jake:
Addition of output of method I with that of method 2 creates a new String object which Points to a different address. Hence, the output is false.