	DATE:
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	Aim - Create dehus
	based on Constant, Variable,
	The many is a second of the se
	Theory:
	Serional aldring's real of the
	Java - Java is class based object one and
7 35	programming lanuage that is
Verbicker	designes have I as few implementi-
	-tion depends as possible complied
	for code (an run all paltforms
- 100 Pr.	that Supposets java without need is
3813	de as secompication de la las
	Constant: - A constant l'is at variable whose
	value Cannot change once it has
	been assigned Java doesn't have
	buit - in supposet for Constants
- Brand	A Constant can make our prog-
1	- ram more esity read and
	indesitional othesi.
11000	4 (1-1 1.5x1ph) = 14
0	C 1 :- Cinal Float PI = 3-111
to	Key wand: Final
100	Lia with
13/10	Variables: - A variable provide us with Named storage that our pro-
	Named storage mainipulate
	Named storage that a grams can mainipulate grams can mainipulate grams can mainipulate fach variable in Java has Fach variable in Java determin
	Fach Vasuable in Java Fach Vasuable in Java g Specific type which determine
1	9 Specific A

	DATE:
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	3 Bitwise operatory
1	The second secon
	open. which can be applied to integen types
/	71.304
/	WONIX bits and penhonens bit - by - bit opened.
/	100
_	& (Bitwise and) ~ (bitwise compliment
-	T (Bitwise Op)
	· (bitwise xOR) >> (Right shift)
-	nothernal market on beach towns
	47 Logical operator
	Assume Boolean Hand Vasuiable
130	A holder type and variable . 13 holds false
To a	then leg (Logical and) : If both openad are :
	non- then londitions
100	become touse.
	11 [Logical Or] i- It any two operands
40	true are zerothan
	Condition become in.
	; [logical Ner] :- If condition is
	true them Logical
	Not operator will
-	make talse.
-	
10	states on to sent obs
	Burnt 29 notitions
1	
+	

Priogram:
import java-util. Scanner;
class practical I
Public Static void main (String [] evgs) {
int oc. 8, l, b;
double pi = 3.14 Cincle, square, nect;
s Scanner (System. 10)
Sustem out pountly ("Enter the stading of what)
r = c.nextInt();
coucle = pi+x+x;
Coucle = pi+r+r; System out prontle ("Area of coucle; " + circle); System out prontle ("Enter side of Square: ");
Cucrem, out pounter
C. DEXITIU CI
Square = sts; (quare);
System out printin (" Area of square and breadth System out printin (" Enter the length and breadth of Rectangle: ");
System - out · pointin (rust
l = c.nextInt();
b = (.nextInt())
Stell Stell on Rectarge
System out pointly (Asiea)
1 10 1 10 10 10 10 10 10 10 10 10 10 10
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hence we successfully Greate, own and
Conclusion:
debug two
Naviable operator.

C:\Users\Public\Java>javac practical1.java

```
C:\Users\Public\Java>java practical1
Enter radius of circle:2
Area of circle:12.56
Enter Side of Square:4
Area of Square:16.0
Enter Length and Breadth of Rectangle:3
6
Area of Rectangle:18.0
```

C:\Users\Public\Java>_