Date	Neeral Appavi Toos
	INFORMATION RETRIEVAL
	Practical - 01
0)	Aim:
B	Write a program to demonstrate all bitwise operator
0	Write a program to find the vector of string in
	given documents.
	Description
1	
	AND-A bitwise AND is a binary operation that takes the length binary representations
	the bound AND apprint representations and perform
	two equal length binary representations and perform the logical AND operation on each paix of the corresponding bits
2)	00 0 1:1
Ü	tras lit bituise OR is a binary operation (1)
	logical matterns of equal length and only
	OR-A bitwise OR is a binary operation that takes two bit patterns of equal length and performs logical inclusive OR operation on leach pair of corresponding
	- Constraint
3	XOR-A bitwise XOR is a lie
	takes two bit potterns of any operation to that
	the exclusive b'R operation on such and performs
	XOR-A bitwise XOR is a binary operation to that takes two bit potterns of equal length and performs the exclusive or operation on each part of corresponding
4)	as acols consider to on plement is also collect
	and and holes operator as it always takes
	Complement - The bitwise complement is also called as one's complement operator as it always takes only one value or an operand
5	left shift - When shift to
	left shift-When shifting to the left, the leftmondigit is binary representation of number is lost
	of number is lost
Sundaram	FOR EDUCATIONAL USE

Neeroil Appari Tura Par (B) print ("Neeraj Appari To73")
tor i in range (O, lenta):
if t in x: SI=[item for item in input ('Enter 1st String:').split()]

S2=[item for item in input ('Enter 2nd String:').split()]

S3=[item for item in input ('Enter 3rd String:').split()]

t= str Cinput ('Enter a word:'))

Print ('Vector:', Volstr(t, S1), Volstr(t, S2), Volstr(t, S3)) FOR EDUCATIONAL USE (Sundaram)

Prochol to I was

INFORMATION REPRESELVAL

Output: Meeraj Appari To73 Enter the valit: 800 of mapore o stall la Enter the valia. ? Bitwise AND Operator: O Bitwise OR operator: 10 Bitwise Exclusive OR operator: 10 .... NOT operator on vol 1: -9 Bitwise LEFT SHIFT operator on var I-16 Bi twise RIGHT SHIFT operator on valz: 1 Bitwise

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10116 ADAIN - 1116 118 1

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	and o is inserted to right most end.
6	Right Shift- A logical right shift of one position move each bit to the right and insert a o at the other end.
1	Code-A)
	del aperators ():
	print ("Merral Appani 7073")  vol 1 = int Cinput ('Enter value of vol 1:1)  vol 2 = int Cinput ('Enter value of val 2:1)
	print ("Bitwise ANID Operator on val 2 and val2", Val I & vol 2)
	print ("Bitwise OR Operator on val 7 and val?"
	print (Bitaise Exclusive OR operator on val I and valzi
	print ("Bitwise NUT operator on vol 1)  print ("Bitwise LEFT SHIFF operator on vol 1: "val I ca)  print ("Bitwise RIGHT SHIFT operator on val 2: "val 2 77 I)
	operators ()

Sundaram

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Output:

Enter 1st String: Good Day

Enter 2nd String: Bord Day

Enter 3vd String: Neutral Day

Enter a word: Bod

Vector: 6 1 0

Meerol Appair 7073



