

Lab Assignment-Day 7

Lab Assignments

Q#	Experiment Details	Input	Output
1	WAP to print even series within 50.		2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
2	WAP to print the natural numbers from 1 to n (value of n is user input).	SET 1 n=5 SET 2 n=7	SET 1 1 2 3 4 5 SET 2 n=7 1 2 3 4 5 6 7
3	WAP to print the natural numbers from n to 1(value of n is user input).	SET 1 n=5 SET 2 n=7	SET 1 5 4 3 2 1 SET 2 7 6 5 4 3 2 1
4	WAP to take 10 different numbers as input. Print their sum and average.	Enter 10 numbers: 54 32 56 76 87 90 23 12 44 55	The sum is 529 The average is 52.900002

5	WAP to find out sum of digits of a number.	SET 1 n=234 SET 2 n=123	SET 1 The sum of digits of 234 is 9 SET 2 The sum of digits of 123 is 6
6	WAP to find out reverse of a number.	SET 1 n=234 SET 2 n=123	SET 1 The reverse of 234 is 432 SET 2 The reverse of 123 is 32`

Home Assignments

Q#	Experiment Details	Input	Output
1	WAP to find out factors of a number.	SET 1 n=6 SET 2 n=4	SET 1 The factors are 1 2 3 6 SET 2 The factors are 1 2 4
2	WAP to test whether a number is Armstrong Number or not. (A number is said to be Armstrong when the sum of cubes of its digit is equal with the original number. Ex-153)	SET 1 n=153 SET 2	SET 1 The given number is Armstrong SET 2 The given number is not

		n=121	Armstrong
3	<p>WAP to test whether a number is Palindrome Number or not.</p> <p>(A number is said to be Palindrome when its reverse is equal with the original number.</p> <p>Ex-121)</p>	<p>SET 1</p> <p>n=234</p> <p>SET 2</p> <p>n=121</p>	<p>SET 1</p> <p>The given number is not Palindrome</p> <p>SET 2</p> <p>The given number is Palindrome</p>