TEST PLAN

ID	DESCRIPTION	PRE- CONDITION	EXPECTED INPUT	EXPECTED OUTPUT	ACTUAL OUTPUT
01_TP_01	Testing with a prime number	The number must be positive	1	The number is prime	
01_TP_02	Testing with a non- prime number	The number must be positive	48	The number is not prime	
02_TP_01	Testing with an Armstrong number	The number must be positive	153	The number is Armstrong	
02_TP_02	Testing with non- Armstrong number	The number must be positive	15	The number is not Armstrong	
03_TP_01	Testing with an even number	The number must be positive	2	The number is Even	
03_TP_02	Testing with an odd number	The number must be positive	5	The number is Odd	
04_TP_01	Testing with a palindrome number	The number must be positive	1551	The number is Palindrome	
04_TP_02	Testing with a number which is not a palindrome	The number must be positive	15	The number is not Palindrome	
05_TP_01	Testing with a number which is a power of 2	The number must be positive	4	The number is a power of 2	
05_TP_02	Testing with a number which is not a power of 2	The number must be positive	5	The number is not a power of 2	
06_TP_01	Testing with a Harshad number	The number must be positive	156	The number is Harshad	

06_TP_02	Testing with a	The number	15	The number is not
00_17_02	non- Harshad	must be		harshad
	number	positive		Harshau
07_TP_01	Testing with a	The number	25	The number is a
07_17_01	perfect square	must be	23	perfect square
	perfect square	positive		perfect square
07_TP_02	Testing with a	The number	8	The number is not a
07_17_02	number which	must be	0	perfect square
	is not a perfect	positive		perfect square
		positive		
00 TD 01	square	The number	8	The number is a
08_TP_01	Testing with a	must be	٥	
	perfect cube			perfect cube
00 TD 03	Tosting with a	positive The number	5	The number is not a
08_TP_02	Testing with a number which		5	
		must be		perfect cube
	is not a perfect cube	positive		
00 TD 01		The number	5	The number is
09_TP_01	Testing with an		5	
	automorphic number	must be		automorphic
00 TD 03		positive The number	70	The name havis not
09_TP_02	Testing with a		78	The number is not
	non-	must be		automorphic
	automorphic	positive		
40 TD 04	number	Th		The course of the
10_TP_01	Testing with a	The number	6	The number is
	number	must be		divisible by 3
40.75.00	divisible by 3	positive	-	 -
10_TP_02	Testing with a	The number	7	The number is not
	number not	must be		divisible by 3
44 TD 04	divisible by 3	positive	25	The group havin
11_TP_01	Testing with a	The number	25	The number is
	number	must be		divisible by 5
44 TD 00	divisible by 5	positive		 -
11_TP_02	Testing with a	The number	8	The number is not
	number not	must be		divisible by 5
40 =0 01	divisible by 5	positive	1.0	-
12_TP_01	Testing with a	The number	49	The number is
	number	must be		divisible by 7
	divisible by 7	positive	_	
12_TP_02	Testing with a	The number	8	The number is not
	number not	must be		divisible by 7
	divisible by 7	positive		