

MODULE TESTED:

addEdge(String v1,String v2, int weight)

Test ID	Test Scenario	Test Case	Pre Condition	Test Steps (Method)	User Input	Actual Result	Additional Comments	Status
TC_01	Call addEdge (v1,v2,weight)	Enter valid (v1 &v2)	1) v1 & v2 should be String type	addEdge (v1,v2,weight)	v1= "Abc"	Returns True	v1 & v2 value can be any String and weight can be any positive integer	P A S S
		Enter valid (weight)	2) weight should be Integer type		v2="wasd"			
			weight=27					
TC_02	Call addEdge (v1,v2,weight)	Enter invalid (v1 or v2)	1) v1 & v2 should be String type	addEdge (v1,v2,weight)	v1= ""	Returns False	v1 or v2 value can't be Empty String and weight can be any positive integer	F A I L
		Enter valid (weight)	2) weight should be Integer type		v2="wasd"			
			weight=12					
TC_03	Call addEdge (v1,v2,v3)	Enter invalid (v1 or v2)	1) v1 & v2 should be String type	addEdge (v1,v2,weight)	v1= "G123"	Returns False	v1 or v2 value can't be NULL String and weight can be any positive integer	F A I L
		Enter valid (weight)	2) weight should be Integer type		v2= null			
			weight=7					
TC_04	Call addEdge (v1,v2,weight)	Enter valid (v1 & v2)	1) v1 & v2 should be String type	addEdge (v1,v2,weight)	v1= "G*123"	Returns True	v1 or v2 value can be String with special characters and weight can be any positive value	P A S S
		Enter valid (weight)	2) weight should be Integer type		v2= "Fdc\$#@"			
			weight=17					
TC_05	Call addEdge (v1,v2,weight)	Enter valid (v1 or v2)	1) v1 & v2 should be String type	addEdge (v1,v2,weight)	v1= "G123 "	Returns True	v1 or v2 value can be String with white spaces and	P A S S
		Enter valid (weight)	2) weight should be Integer type		v2= " F "			

	(v1,v2,weight)	Enter valid (weight)	1) weight should be Integer type	(v1,v2,weight)	weight=1		weight can be any positive value	
TC_06	Call addEdge (v1,v2,weight)	Enter invalid (v1 & v2)	1) v1 & v2 should be String type 2) weight should be Integer type	addEdge (v1,v2,weight)	v1= " "	Returns False	v1 or v2 value can't be only white spaces and weight can be any positive value	FAIL
					v2= " "			
		Enter valid (weight)			weight=7			
TC_07	Call addEdge (v1,v2,weight)	Enter valid (v1 & v2)	1) v1 & v2 should be String type 2) weight should be Integer type	addEdge (v1,v2,weight)	v1= "1234 "	Returns True	v1 or v2 value can be Integer & Float String and weight can be any positive value	PASS
					v2= "5.43"			
		Enter valid (weight)			weight=7			
TC_08	Call addEdge (v1,v2,weight)	Enter valid (v1 & v2)	1) v1 & v2 should be String type 2) weight should be Integer type	addEdge (v1,v2,weight)	v1= "Abc"	Returns False	v1 & v2 value can be any String and weight can't be negative integer	FAIL
					v2="wasd"			
		Enter invalid (weight)			weight=-27			