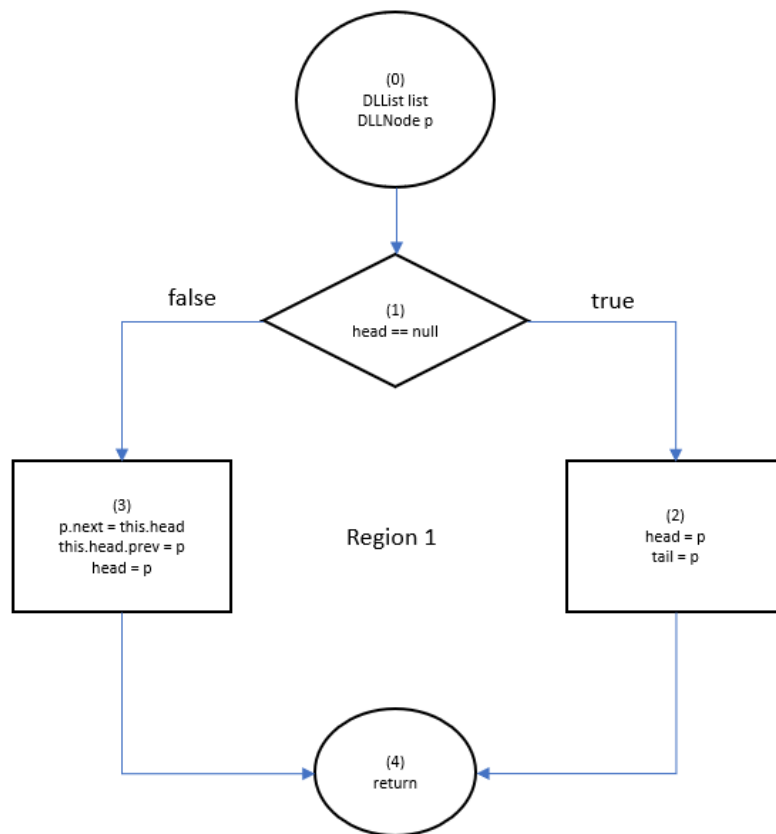


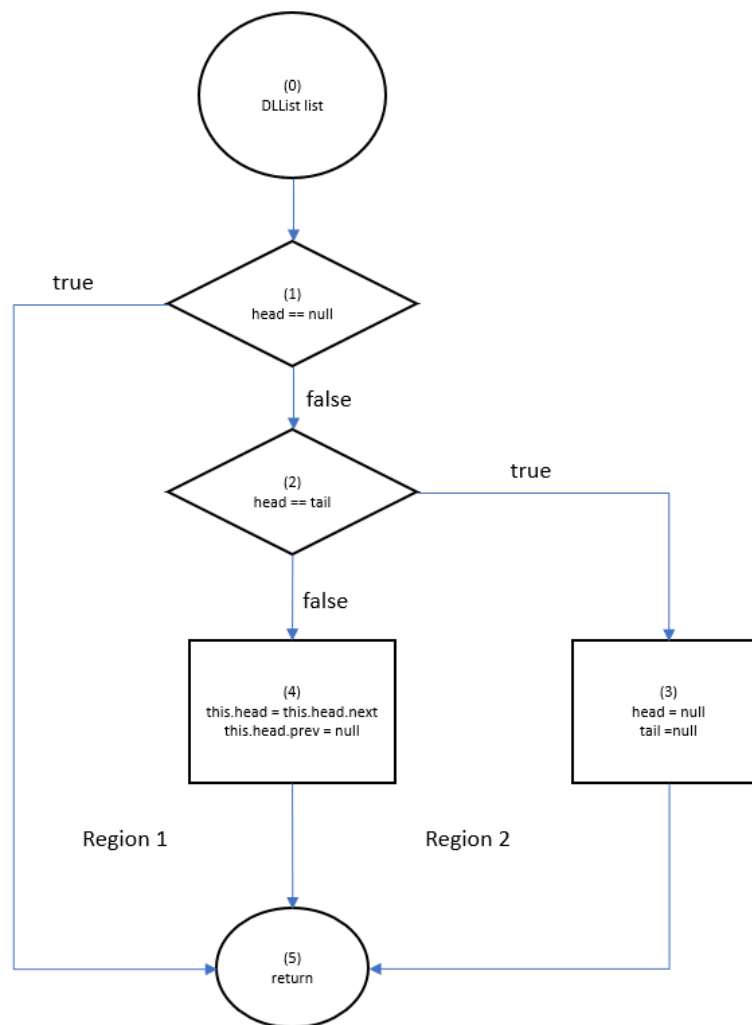
addToHead



Basis Path Set: {(0,1,2,4), (0,1,3,4)}

Path	Test Case	Checking for
(0,1,2,4)	TC ₀ , p.num = 5, head = null	list empty
(0,1,3,4)	TC ₁ , p.num = 10, head.num = 5	list not empty

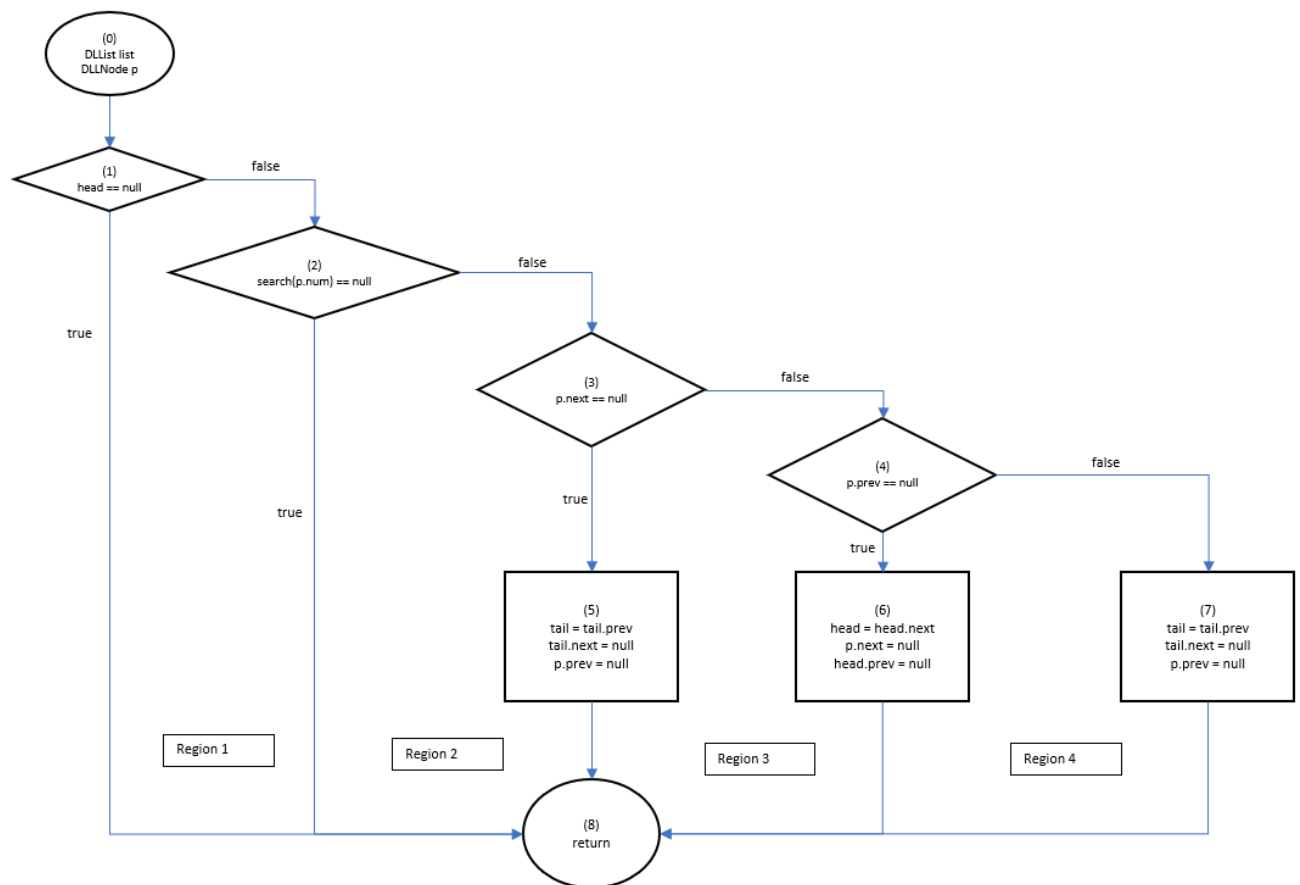
removeHead



Basis Path Set: {(0,1,5), (0,1,2,3,5), (0,1,2,4,5)}

Path	Test Case	Checking for
(0,1,5)	TC ₀ , head = null	list empty
(0,1,2,3,5)	TC ₁ , head.num = 5, head = tail	list has only one node
(0,1,2,4,5)	TC ₂ , head.num = 5, head.next.num = 10	list has more than one node

removeNode



Basis Path Set: {(0,1,8), (0,1,2,8), (0,1,2,3,5,8), (0,1,2,3,4,6,8), (0,1,2,3,4,7,8)}

Path	Test Case	Checking for
(0,1,8)	TC ₀ , head = null	List empty
(0,1,2,8)	TC ₁ , head.num = 5, tail.num = 10, p.num = 15	Node not in list
(0,1,2,3,5,8)	TC ₂ , head.num = 5, tail.num = 10, p.num = 10	Node is the tail
(0,1,2,3,4,6,8)	TC ₃ , head.num = 5, tail.num = 10, p.num = 5	Node is the head
(0,1,2,3,4,7,8)	TC ₄ , head.num = 5, head.next.num = 10, tail.num = 15, p.num = 10	Node is not the head or tail