```
def insert_at_given_position(self, data, target_position):

        if (target_position <= 0):
            print("Invalid Position")
            return

        # when list is empty
        if (self.head == None and target_position != 1):
            print("Invalid position")
            return

        if (target_position == 1):
            self.insert_at_beginning(data)
            return

        # if (target_position > 2 and self.head.next == None):
        #     print("Invalid Position")
        #     return

        current_position = 1

        current_node = self.head

        while (current_node != None and current_position < target_position - 1):
            current_position = current_position + 1
            current_node = current_node.next

        if (current_node == None):
            print("Invalid Position")
            return
```

```
new_node = Node(data)

# when we inserting between two nodes ,we need these steps
if (current_node.next != None):
    current_node.next.prev = new_node
    new_node.next = current_node.next

# these are needed
current_node.next = new_node
new_node.prev = current_node
```