```
class Node:
    def init (self, data):
        self.data = data
        self.next = None
class LinkedList:
    def init (self):
        self.head = None
    def insert(self, data):
        new node = Node(data)
        new node.next = self.head
        self.head = new node
    def get first(self):
        return self.head.data
    def get second(self):
        return self.head.next.data
    def get third(self):
        return self.head.next.next.data
    def get fourth(self):
        return self.head.next.next.next.data
    def print fifth(self):
print(self.head.next.next.next.next.data)
```

```
# تابع چند جملهای: f(x) = x + 3x + 2x^2
def polynomial function(x):
    return x + 3*x + 2*x**2
ساخت یک لیست پیوندی و اعمال عملیات مورد نیاز #
linkedList = LinkedList()
شماره یک # (linkedList.insert(1)
شماره دو # (linkedList.insert(2)
شماره سه # (linkedList.insert(3)
شمارہ چھار # (linkedList.insert(4)
شماره ینج # (1inkedList.insert (5)
result = linkedList.get_first() +
linkedList.get second() *
linkedList.get third()
print("Result:", result)
result_polynomial =
polynomial_function(linkedList.get_first())
print("Result of polynomial function with x
=", linkedList.get first(), "is",
result_polynomial)
linkedList.print fifth()
```