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2103010029_Arief Rois Alamsyah_UTS_Algo_prk.py ×
      #Nama : Arief Rois Alamsyah
#NIM : 2103010029
  10 from texttugas import Node
            def __init__ (self, data= None, next_node= None):
                 self.data = data
                 self.next_node = next_node
            def get_data(self):
            def get_next(self):
                return self.next_node
                self.next node = new next
                                                                                                     In 147, Col 7 Spaces: 4 UTF-8 CRLF Python
2103010029_Arief Rois Alamsyah_UTS_Algo_prk.py X
       class LinkedList (object):
            def __init__(self, head = None):
                self.head = head
            def insert(self, data):
                new_node = Node(data)
                new_node.set_next(self.head)
                while current:
                    count += 1
current = current.get next()
                                                                                                    Ln 147, Col 7 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit № Q
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                while current:
                    current = current.get_next()
                 current = self.head
                #Perulangan mencari node yang dicari
while current and found is False:
                     if current.get_data() == data:
                          current = current.get_next()
                return found
                 previous = None
                 while current and found is False:
                     if current.get_data() == data:
2103010029_Arief Rois Alamsyah_UTS_Algo_prk.py X
                          found = True
                          previous = current
                     if previous is None:
                         self.head = current.get_next()
                          previous.set_next(current.get_next)
            def showData(self):
                print ("Tampilkan list data:")
print ("Node -> Next Node")
current_node = self.head
                 while current_node is not None:
                     print (current_node.data),
                     print (" ->"),
                     print (current_node.next_node.data) if hasattr(current_node.next_node, "data") else None
                     current_node = current_node.next_node
            def mainmenu(self):
                 while (pilih == "y"):
os.system("cls")
                                                                                                        Ln 147, Col 7 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit & C
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2103010029_Arief Rois Alamsyah_UTS_Algo_prk.py ×
while (pilih ==
                    os.system("cls")
                     print("| Menu aplikasi linked list |")
                     print("1. Insert data")
print("2. Delete data")
print("3. Cari data")
print("4. Panjang dari linked list")
print("5. Tampil data")
                      pilihan=str(input(("Silakan masukan pilihan anda: ")))
                     if(pilihan=="1"):
    os.system("cls")
                          obj = str(input("Masukan data yang ingin anda tambahkan: "))
                          self.insert(obj)
                          os.system("cls")
                           obj = str(input("Masukan data yang ingin anda dihapus: "))
                           self.delete(obj)
                     x = input("")
elif(pilihan=="3"):
                          os.system("cls")
                          obj = str(input("Masukan data yang ingin anda dicari: "))
                          status = self.search(obj)
                              print("Data ditemukan pada list")
                             print("Data tidak ditemukan")
2103010029_Arief Rois Alamsyah_UTS_Algo_prk.py ×
                          os.system("cls")
                          obj = str(input("Masukan data yang ingin anda dihapus: "))
                          self.delete(obj)
                     x = input("")
elif(pilihan=="3"):
                          os.system("cls")
                          obj = str(input("Masukan data yang ingin anda dicari: "))
                          status = self.search(obj)
                     print("Data tidak ditemukan")
x = input("")
elif(pilihan=="4"):
                          os.system("cls")
                           print("Panjang dari queue adalah: "+str(self.size()))
                      x = input("")
elif(pilihan=="5"):
    os.system("cls")
                          self.showData()
       if __name__ == "__main__":
    #execute only if run as a script
            1.mainmenu()
                                                                                                        Ln 147, Col 7 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit 🔊 🚨
```











