# LAMPIRAN

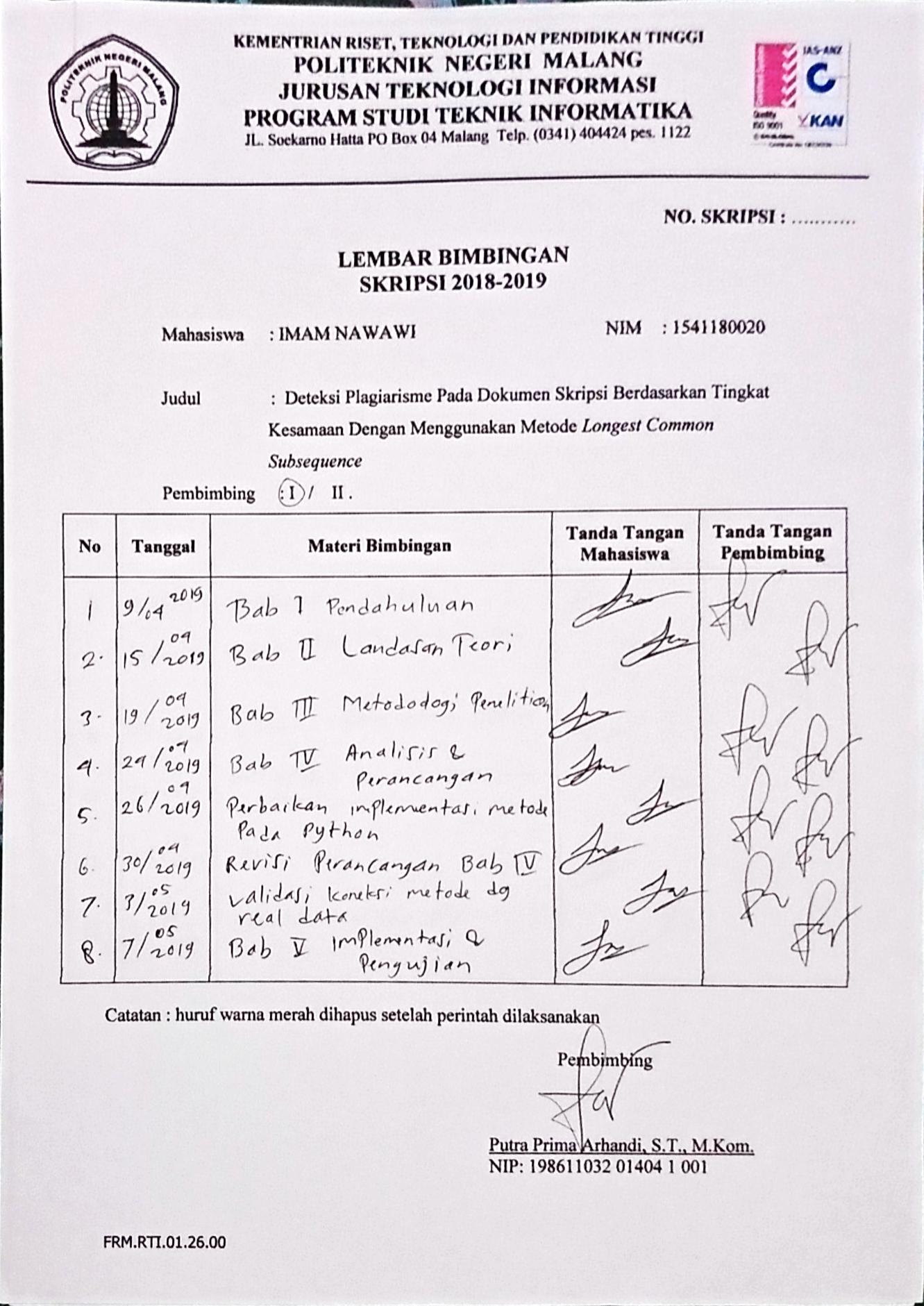
Script setup.py

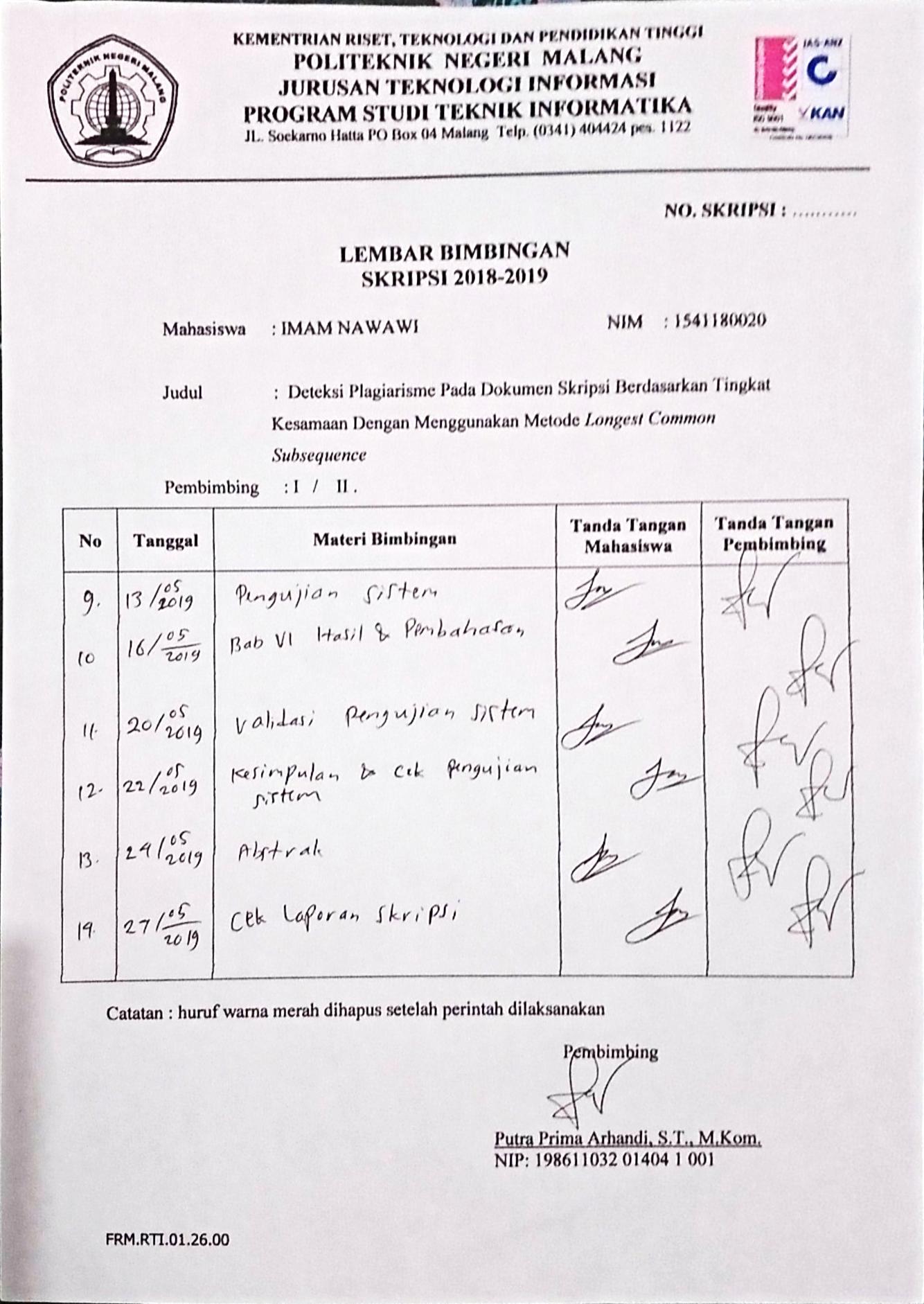
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| # python  import sys  import MySQLdb  import datetime  from lcs import LCS  class Database:  host = "localhost"  user = "root"  password = ""  db = "plagiarismedb"  def \_\_init\_\_(self):  self.connection = MySQLdb.connect( host = self.host,  user = self.user,  password = self.password,  db = self.db ,  autocommit=True)  def query(self, q):  cursor = self.connection.cursor()  cursor.execute(q)  self.connection.commit()  cursor.close()  #self.connection.close()  def queryall(self, q, va):  cursor = self.connection.cursor( MySQLdb.cursors.DictCursor )  cursor.execute(q, va)  return cursor.fetchall()  def queryv(self, q, va):  cursor = self.connection.cursor( MySQLdb.cursors.DictCursor )  cursor.execute(q, va)  return cursor.fetchone()  def \_\_del\_\_(self):  self.connection.close()  if \_\_name\_\_== "\_\_main\_\_":  db = Database()  id\_doc\_uji = sys.argv[1] #dokumen yg di uji  id\_antrian = sys.argv[2] #ambil id antrian  doc\_uji = (id\_doc\_uji,) #harus ada koma agar tidak eror  antrian = (id\_antrian,)  #doc\_uji = ("uKShycv3EiU4J1xrbRzC13052019tiYka0QA5dRB6MJpNb9j",) #harus ada koma agar tidak eror  #antrian = (24,)  q = "SELECT \* FROM dokumen\_user WHERE id\_dokumen\_user = %s"  data = db.queryv(q, doc\_uji)  q = "SELECT \* FROM antrian\_dataset as ad join dataset as ds on ad.id\_data = ds.id\_data WHERE id\_antrian\_dokumen = %s"  data1 = db.queryall(q, antrian)  #--------------------------------------------------  for td in data1:  list\_sentence = ""  angka\_sentence = 0  penelitian = data['penelitian']  while True:  common\_sentence, persent = LCS.longest\_common\_sentence(penelitian, td['penelitian'])  common\_words = common\_sentence.split(' ')  #berhenti ketika hasil plagiat kurang dari 3 kata  if(len(common\_words) <= 3):  break  else:  list\_sentence += '%s###' % common\_sentence #mengumpulkan hasil lcs ke 1 variable  angka\_sentence += float(persent)  buang\_plagiarisme = penelitian.split(common\_sentence) #membuang kalimat plagiat pada text uji  penelitian = ' '.join(buang\_plagiarisme) #menggabungkan kembali setelah meembuang kalimat plagiat  q = "UPDATE antrian\_dataset SET similarity\_angka='%s', similarity\_text='%s', status=%d, updated\_at='%s' WHERE id\_antrian\_dataset='%s' "% (angka\_sentence, list\_sentence, 1, datetime.datetime.now(), td['id\_antrian\_dataset'])  db.query(q) |

Script lcs.py

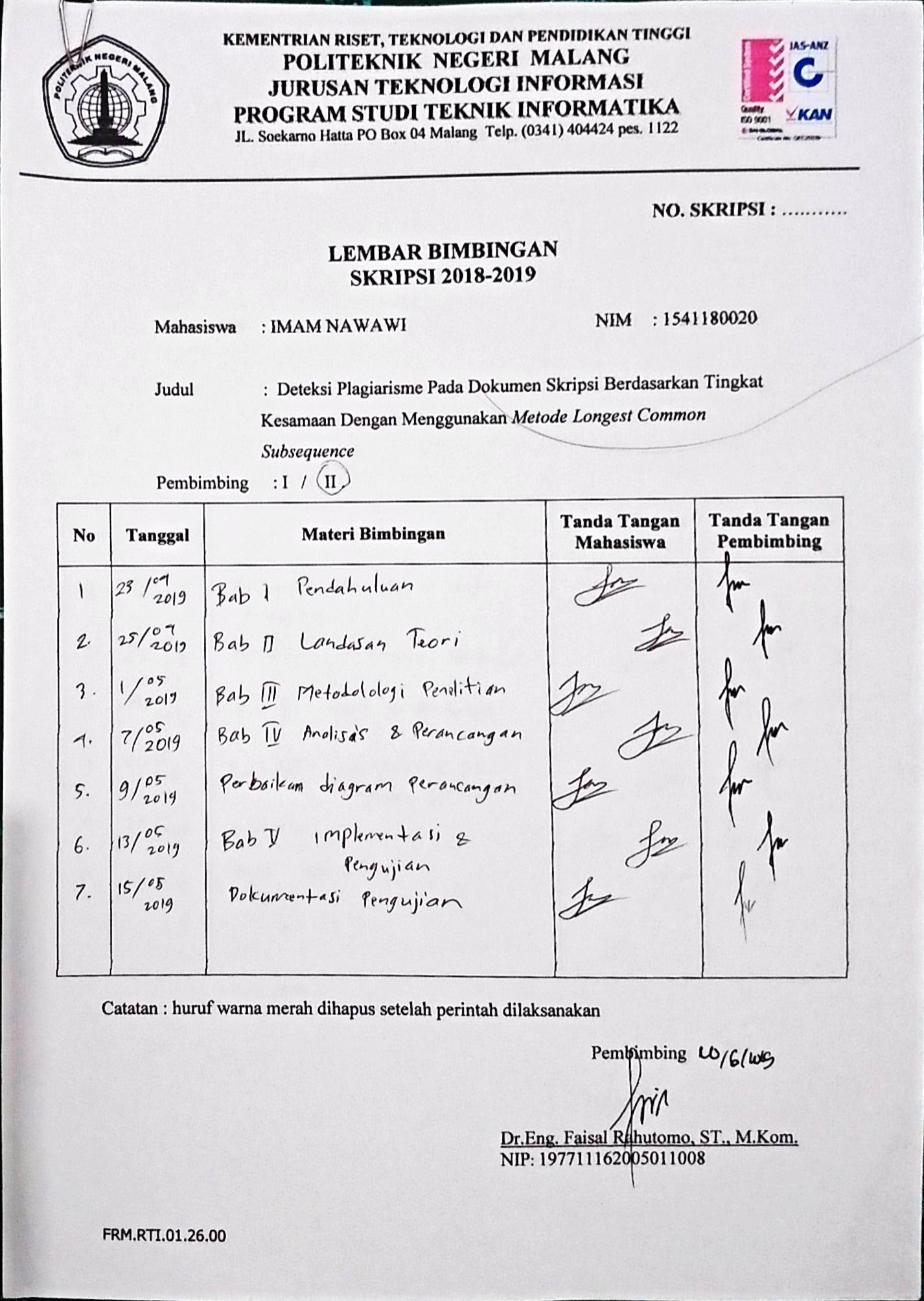
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| class LCS:  # --------------------------------------------------  def longest\_common\_substring(s1, s2):  m = [[0] \* (1 + len(s2)) for i in range(1 + len(s1))]  longest, x\_longest = 0, 0    for x in range(1, 1 + len(s1)): #ambil per kata dari doc 1, dan x sebagai doc terpanjang  for y in range(1, 1 + len(s2)): #ambil per kata dari doc 2  if s1[x - 1] == s2[y - 1]: #cek juka kata dari doc 1 == doc 2  m[x][y] = m[x - 1][y - 1] + 1  if m[x][y] > longest:  longest = m[x][y]  x\_longest = x  else:  m[x][y] = 0  return s1[x\_longest - longest: x\_longest] #memilih lcs terpanjang  def longest\_common\_sentence(s1, s2):    s1\_arr = []  s2\_arr = []  s1\_words = s1.split(' ') #memisah tiap kata menjadi array  s2\_words = s2.split(' ')    lg\_s1 = len(s1\_words) #menghitung panjang kata pada dokumen  lg\_s2 = len(s2\_words)    if lg\_s1 < lg\_s2: #menentukan dokumen terpanjang  s1\_arr = s2\_words  s2\_arr = s1\_words  else:  s1\_arr = s1\_words  s2\_arr = s2\_words    lcs\_arr = LCS.longest\_common\_substring(s1\_arr, s2\_arr)  s1\_pesent = (len(lcs\_arr)\*100)/len(s1\_arr)    lcs = ' '.join(lcs\_arr) #menggabungkan array hasil lcs  return lcs, s1\_pesent    # -------------------------------------------------- |

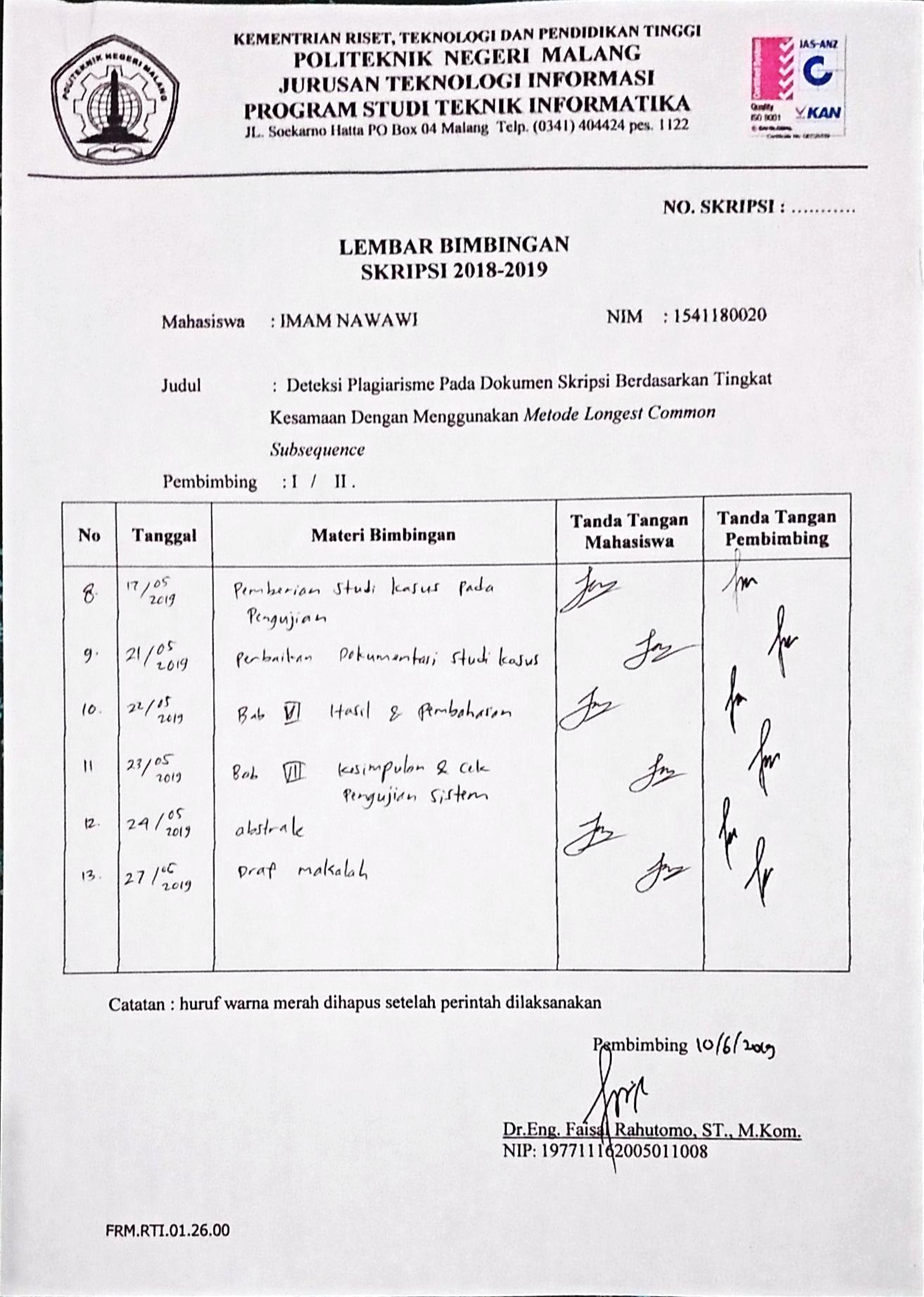
Lembar Bimingan Skripsi Pembimbing 1



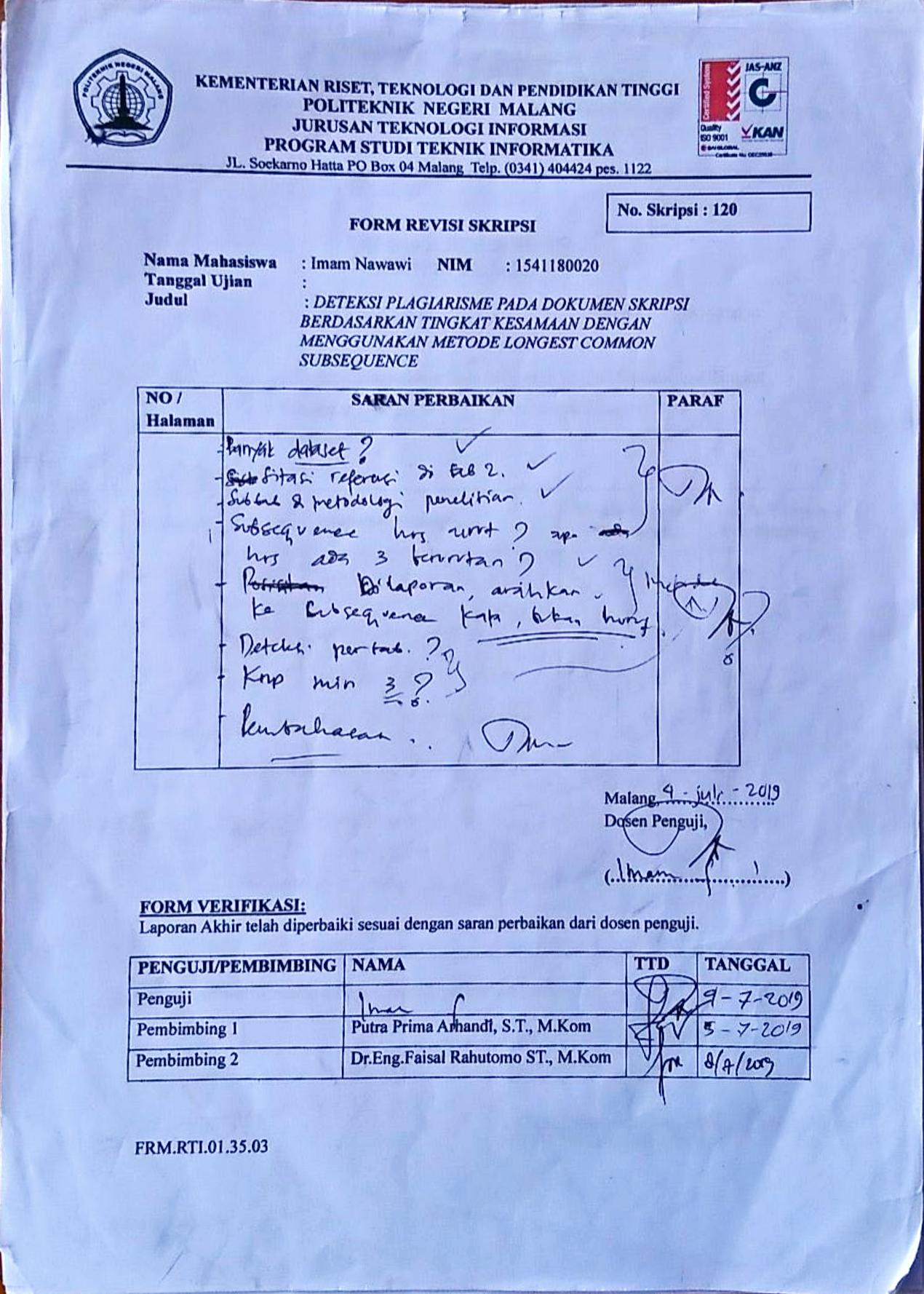


Lembar Bimingan Skripsi Pembimbing 2

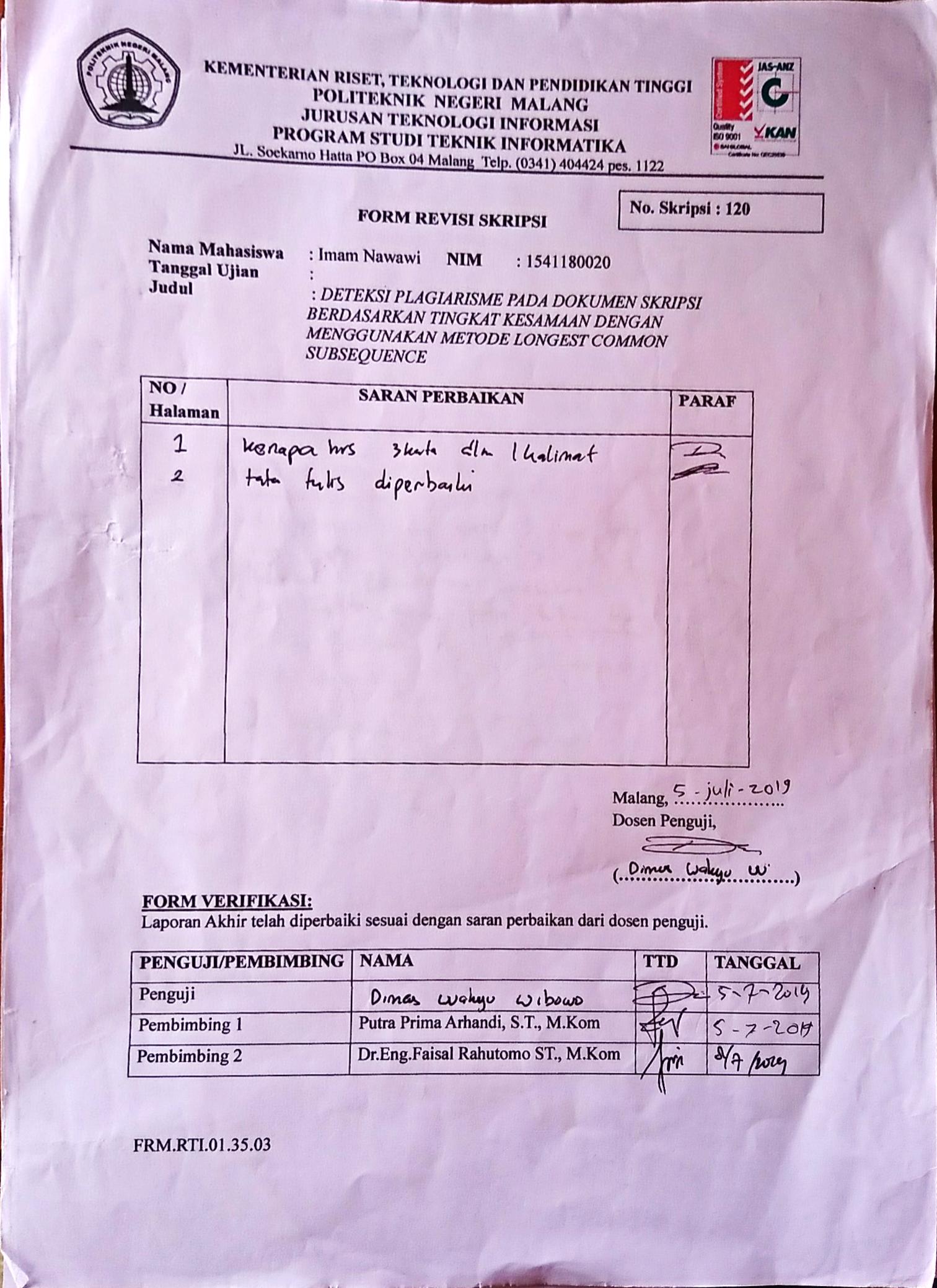




Form Revisi Penguji 1



Form Revisi Penguji 2



**PROFIL PENULIS**

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