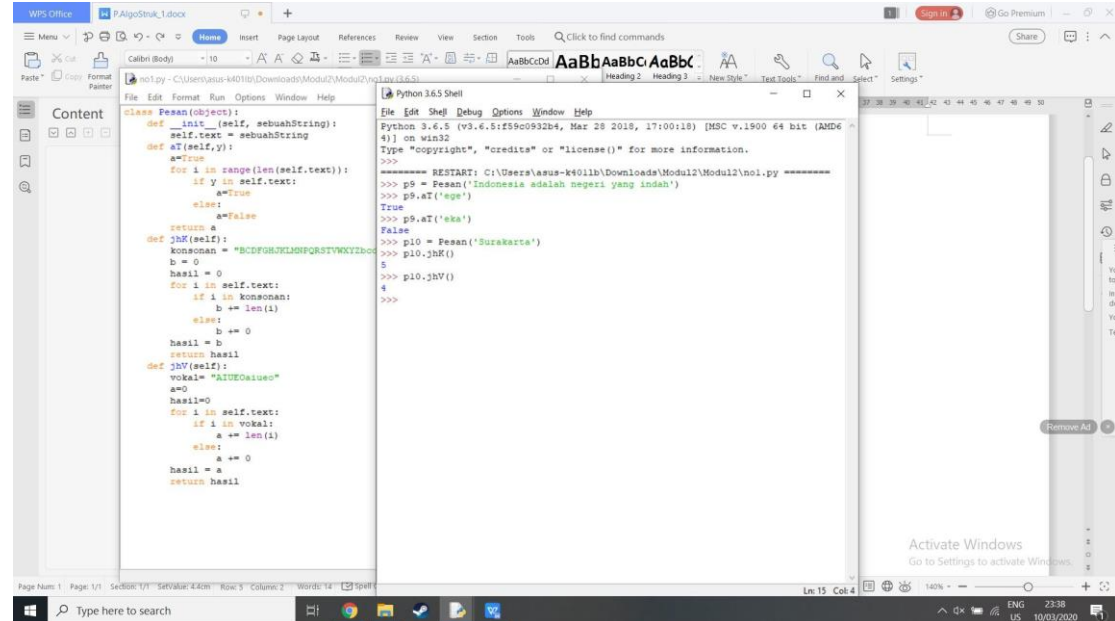


Nama : Danang Ady Saputro Widodo
Kelas : H
Praktikum Algoritma dan Struktur Data Bab II

1.

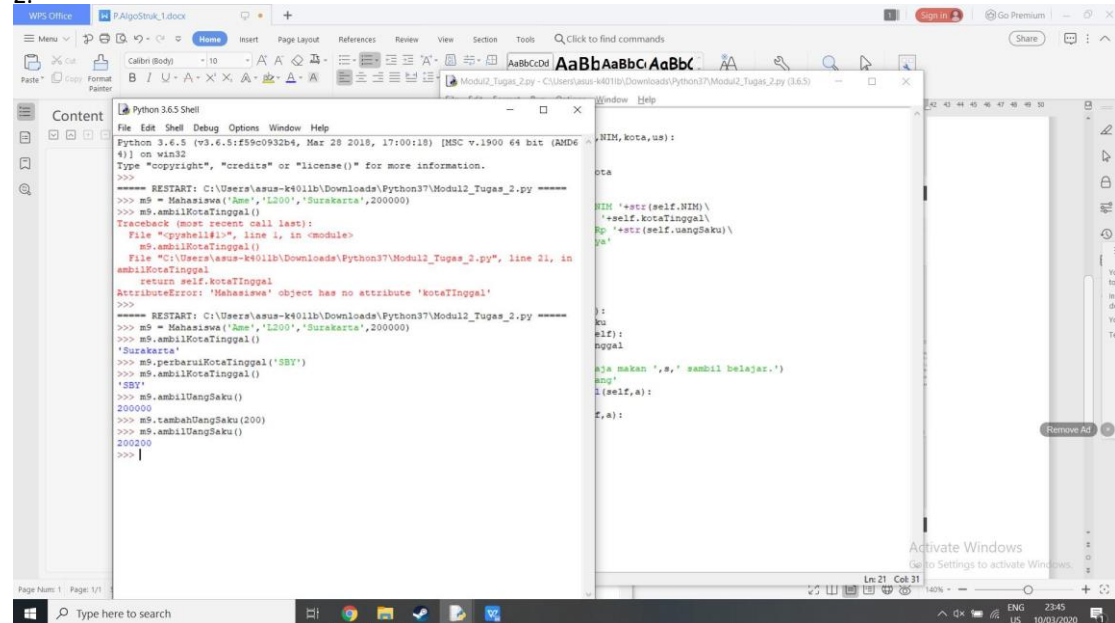


The screenshot shows a WPS Office window with a document titled 'P.AlgoStruk_1.docx'. The document contains a Python class named 'Pesan' with methods for initializing text, checking if it's a consonant, and calculating the number of consonants and vowels. The class is defined as follows:

```
class Pesan(object):
    def __init__(self, sebuahString):
        self.text = sebuahString
    def at(self, y):
        a=True
        for i in range(len(self.text)):
            if y in self.text:
                a=False
                return a
        return a
    def jhK(self):
        konsonan = "BCDFGHJKLMNPQRSTVWXYZbc"
        b = 0
        for i in self.text:
            if i in konsonan:
                b += len(i)
            else:
                b += 0
        hasil = b
        return hasil
    def jhV(self):
        vokal = "AIUEOaiueo"
        a=0
        hasil=0
        for i in self.text:
            if i in vokal:
                a += len(i)
            else:
                a += 0
        hasil = a
        return hasil
```

The Python 3.6.5 Shell window shows the execution of the script. The user has created an instance 'p9' of the 'Pesan' class with the text 'Indonesia adalah negeri yang indah'. The user has then called the 'at' method with the argument 'e', which returns 'True'. The user has then called the 'jhK' method, which returns '5'. The user has then called the 'jhV' method, which returns '4'.

2.

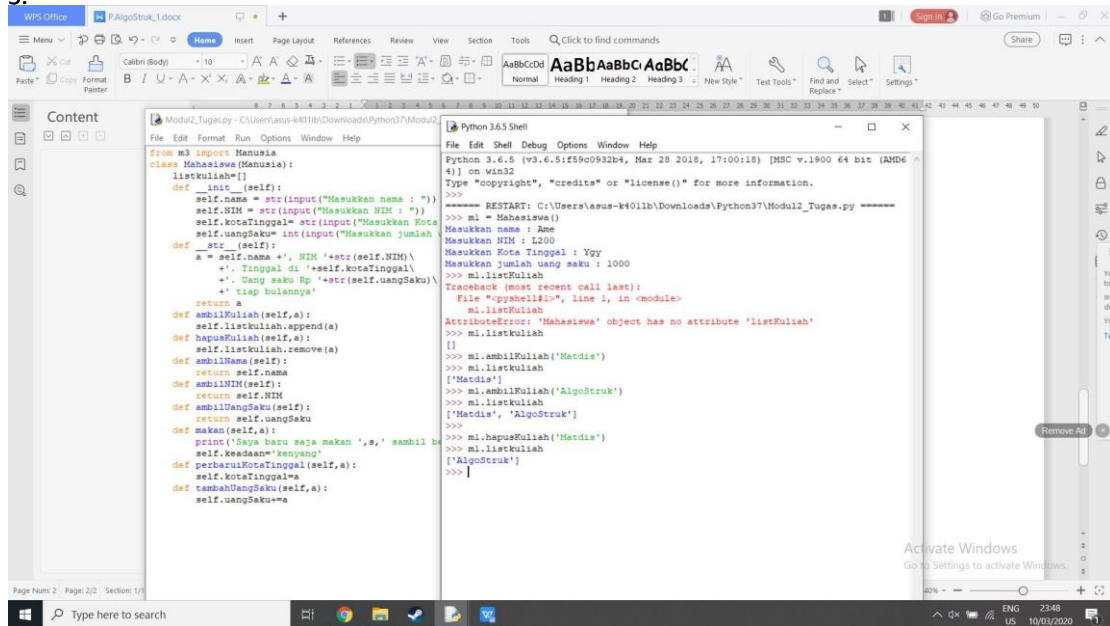


The screenshot shows a WPS Office window with a document titled 'P.AlgoStruk_1.docx'. The document contains a Python class named 'MahaSiswa' with methods for initializing a student's name, address, and phone number, and methods for adding and removing a student's address. The class is defined as follows:

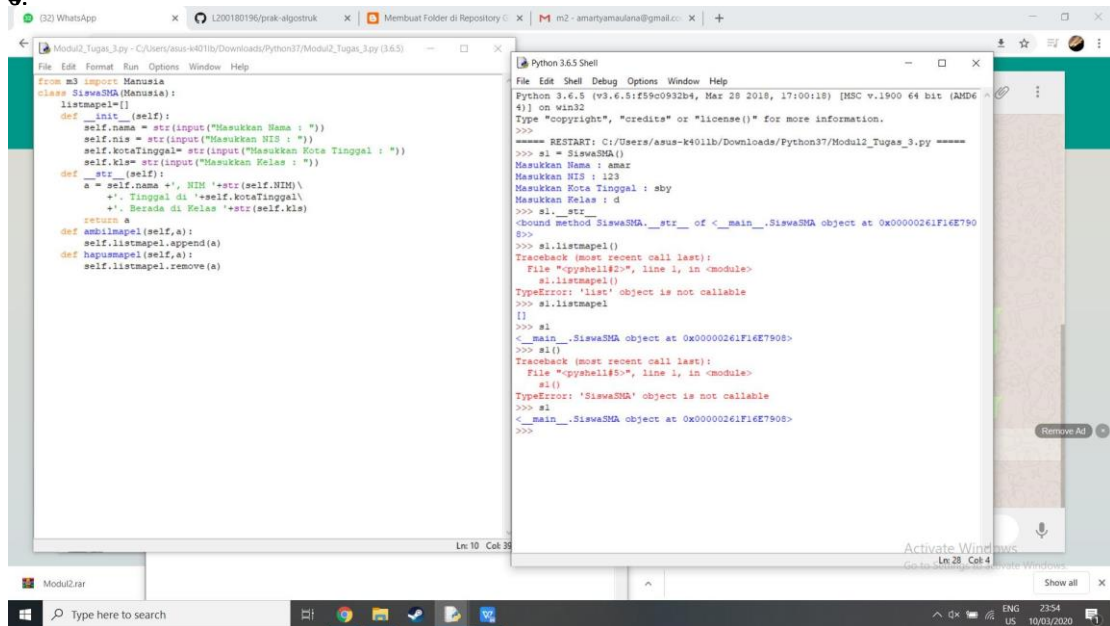
```
class MahaSiswa(object):
    def __init__(self, nama, L200, alamat, noTelp):
        self.nama = nama
        self.L200 = L200
        self.alamat = alamat
        self.noTelp = noTelp
    def tambahAlamat(self):
        alamat = input("Masukkan alamat: ")
        self.alamat += alamat
    def hapusAlamat(self):
        alamat = input("Masukkan alamat: ")
        self.alamat = self.alamat.replace(alamat, "")
```

The Python 3.6.5 Shell window shows the execution of the script. The user has created an instance 'm5' of the 'MahaSiswa' class with the name 'Mahasiswa', address 'L200', and phone number '200000'. The user has then called the 'tambahAlamat' method, which prompts the user to enter an address. The user has then called the 'hapusAlamat' method, which prompts the user to enter an address to be removed. The user has then called the 'alamat' attribute, which returns 'L200'.

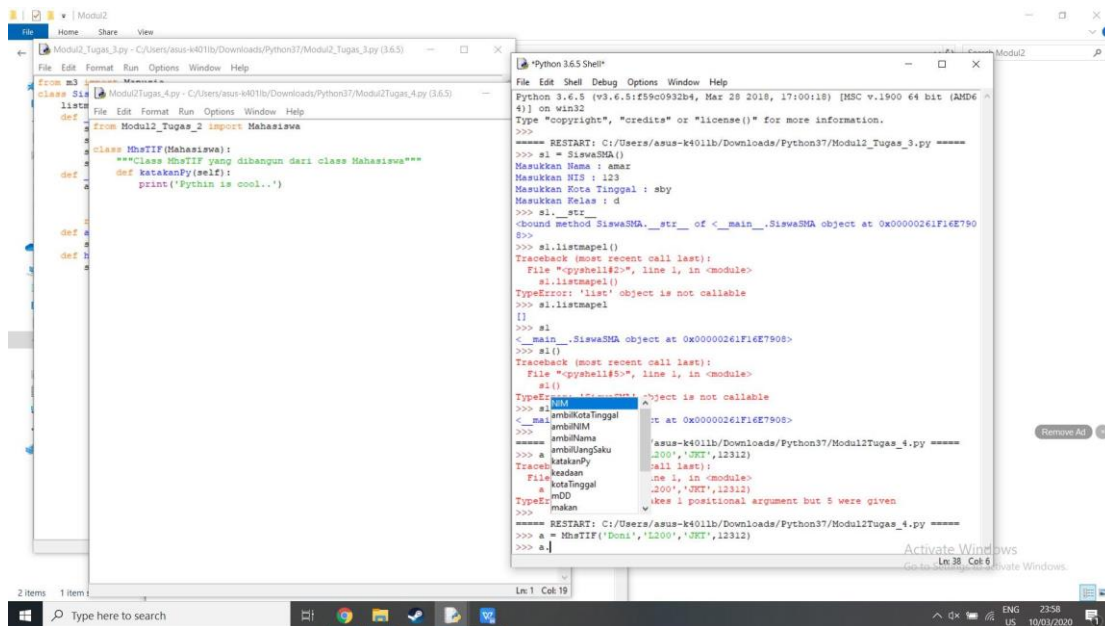
3.



6.



7.



Metode/state yang keluar dari object itu berasal dari class Mahasiswa, tapi melewati class MhsTIF karena pada MhsTIF mengalami pewarisan dari class Mahasiswa jadi kita bisa menggunakan seluruh metode/state yang berada pada class Mahasiswa.