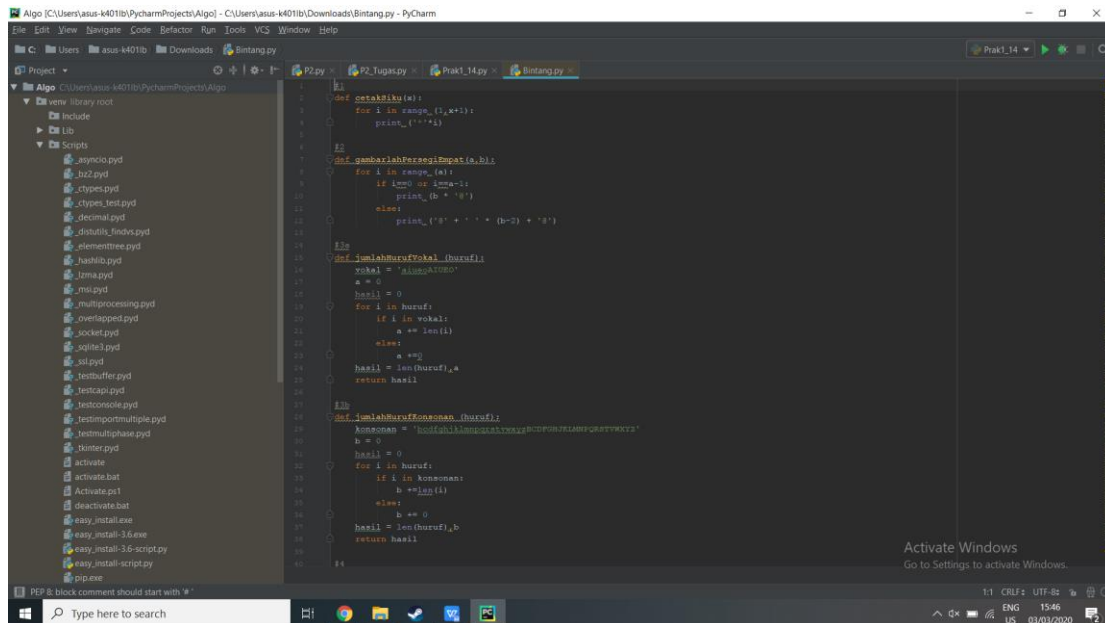


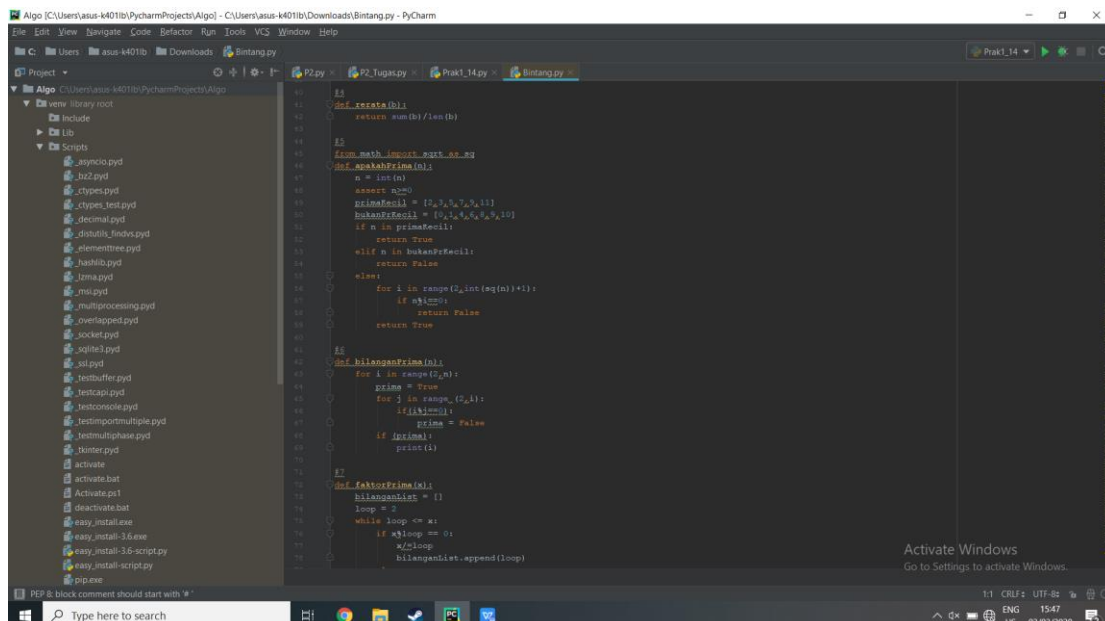
Nama : Yoga Ade P
Nim : L200180204
Kelas : H

Modul ke 1 Praktikum Algostruk



The screenshot shows the PyCharm IDE with a project named 'Algo'. The left sidebar displays a file explorer with various Python files. The main editor window shows a Python script with the following code:

```
1 def cetakKotak(a):
2     for i in range(1, a+1):
3         print('*'*i)
4
5
6 def gambarJajargenjang(a, b):
7     for i in range(a):
8         if i % 2 == 0:
9             print('*' * b)
10        else:
11            print('*' * (b-2) + ' ')
12
13
14 def jumlahHurufVokal(huruf):
15     vokal = 'aiueoAIUEO'
16     a = 0
17     hasil = 0
18     for i in huruf:
19         if i in vokal:
20             a += len(i)
21     else:
22         a += 0
23     hasil = len(huruf) - a
24     return hasil
25
26
27 def jumlahHurufKonsonan(huruf):
28     konsonan = 'bcdfghjklmnpqrstvwxyzBCDFGHJKLMNPQRSTVWXYZ'
29     k = 0
30     hasil = 0
31     for i in huruf:
32         if i in konsonan:
33             k += len(i)
34         else:
35             k += 0
36     hasil = len(huruf) - k
37     return hasil
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The screenshot shows the PyCharm IDE with a project named 'Algo'. The left sidebar displays a file explorer with various Python files. The main editor window shows a Python script with the following code:

```
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The screenshot shows the PyCharm IDE with a project named 'Algo'. The left sidebar displays a file explorer with a 'Scripts' folder containing various Python files. The main editor window shows a Python script with the following code:

```
11 def faktorPrima(x):
12     bilanganList = []
13     loop = 2
14     while loop <= x:
15         if x%loop == 0:
16             bilanganList.append(loop)
17             x = x/loop
18         else:
19             loop += 1
20     return bilanganList
21
22 def apakahTerkandung(a,b):
23     x = True
24     for i in range(len(b)):
25         if a in b:
26             x = True
27         else:
28             x = False
29     return x
30
31 def Kelipatan(a):
32     for i in range(10):
33         if (i%a) == 0:
34             pass
35             elif (i%a == 0 and i%5 == 0):
36                 print('Python 500')
37             elif (i%a == 0):
38                 print('Python')
39             elif (i%a == 0):
40                 print('000')
41         else:
42             print(i)
43
44 from math import sqrt as akar
45 def selisaKanan(a,b):
```

The right sidebar shows a message: 'PEP 8: expected 2 blank lines, found 1'. The bottom status bar shows '1:1 CRLF UTF-8 US 15:47 03/03/2020'.

The screenshot shows the PyCharm IDE with a project named 'Algo'. The left sidebar displays a file explorer with a 'Scripts' folder containing various Python files. The main editor window shows a Python script with the following code:

```
110 from math import sqrt as akar
111 def selisaKanan(a,b):
112     a = float(a)
113     b = float(b)
114     c = float(c)
115     d = float(d)
116     if (D<0):
117         hasil = "Determinannya negatif, persamaan tidak mempunyai akar real."
118         return hasil
119     else:
120         x1 = (-b + akar(D))/(2*a)
121         x2 = (-b - akar(D))/(2*a)
122         hasil = (x1,x2)
123         return hasil
124
125 def apakahTahun(a):
126     hasil = False
127     if (tahun%4 == 0 and tahun%100 != 0 and tahun%400 == 0):
128         hasil = True
129     elif (tahun%400 == 0 and tahun%400 != 0):
130         hasil = False
131     elif (tahun%400 == 0):
132         hasil = True
133     else:
134         hasil = False
135     return hasil
136
137 import random
138 def tebakKali:
139     a = random.randrange(1,101,1)
140     b = -1
141     n = 0
142     print('Berapakah Tebak Anda?')
143     print('Ada Maximum Tebak Anda Harus Antara 1 sampai 100.')
144     while a != b:
145         n = n + 1
```

The right sidebar shows a message: 'PEP 8: block comment should start with #'. The bottom status bar shows '1:1 CRLF UTF-8 US 15:48 03/03/2020'.

