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Praktikum Algoritma dan Pemrograman Modul 8

Kegiatan 1

```
keg 8.1.py - D:/keg 8.1.py (3.7.0)
File Edit Format Run Options Window Help

X = {"Nama": "Flanika Vidya Faresty", "NIM": "L200190185", "TTL": "Boyolali, 28 Januari 2001", "Agama": "Islam", "Alamat": "Soko Jenengan Sawit Boyolali", "JK": "Perempuan"}

def Nama():
    print("Nama:", X["Nama"])
def NIM():
    print("NIM:", X["NIM"])
def TTL():
    print("TTL:", X["TTL"])
def Agama():
    print("Agama:", X["Agama"])
def Alamat():
    print("Alamat:", X["Alamat"])
def JK():
    print("JK:", X["JK"])
def Status():
    print("Status:", X["Status"])

Nama()
NIM()
TTL()
Agama()
Alamat()
JK()
Status()

def pilihan():
    print("b menampilkan bantuan ini")
    print("z menampilkan Nama")
    print("y menampilkan NIM")
    print("c menampilkan TTL")
    print("v menampilkan Agama")
    print("s menampilkan Alamat")
    print("n menampilkan JK")
    print("m menampilkan Status")
    print("k skippp")

pilihan()

pilhansaudara = input("pilihan saudara:")
while pilhansaudara != "x":
    if pilhansaudara == "b":
        .
        .
        .
    elif pilhansaudara == "z":
        Nama()
    elif pilhansaudara == "y":
        NIM()
    elif pilhansaudara == "c":
        TTL()
    elif pilhansaudara == "v":
        Agama()
    elif pilhansaudara == "s":
        Alamat()
    elif pilhansaudara == "n":
        JK()
    elif pilhansaudara == "m":
        Status()
    elif F == "x":
        break
    else:
        print("pilihan tidak tersedia")
        F = input("pilihan saudara:")
        F = input("pilihan saudara:")

Ln: 73 Col: 18
```

```
keg 8.1.py - D:/keg 8.1.py (3.7.0)
File Edit Format Run Options Window Help

pilhansaudara = input("pilihan saudara:")
while pilhansaudara != "x":
    if pilhansaudara == "b":
        pilihan()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif pilhansaudara == "z":
        Nama()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif pilhansaudara == "y":
        NIM()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif pilhansaudara == "c":
        TTL()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif pilhansaudara == "v":
        Agama()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif pilhansaudara == "s":
        Alamat()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif pilhansaudara == "n":
        JK()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif pilhansaudara == "m":
        Status()
        print("")
        pilhansaudara = input("pilihan saudara:")
    elif F == "x":
        break
    else:
        print("pilihan tidak tersedia")
        F = input("pilihan saudara:")
        F = input("pilihan saudara:")

Ln: 73 Col: 18
```

Hasil dari Kegiatan 1:

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:/keg 8.1.py =====
Name: Flanika Vidya Faresty
NIM: L200190185
TTL: Boyoalali, 28 Januari 2001
Agama: Islam
Alamat: Soko Jenengan Sawit Boyolali
JK: Perempuan
Status: Mahasiswa
b menampilkan bantuan ini
z menampilkan Nama
y menampilkan NIM
c menampilkan TTL
v menampilkan Agama
s menampilkan Alamat
n menampilkan JK
m menampilkan Status
x keluar
pilihan saudara:z
Name: Flanika Vidya Faresty

pilihan saudara:y
NIM: L200190185

pilihan saudara:c
TTL: Boyoalali, 28 Januari 2001

pilihan saudara:m
Status: Mahasiswa

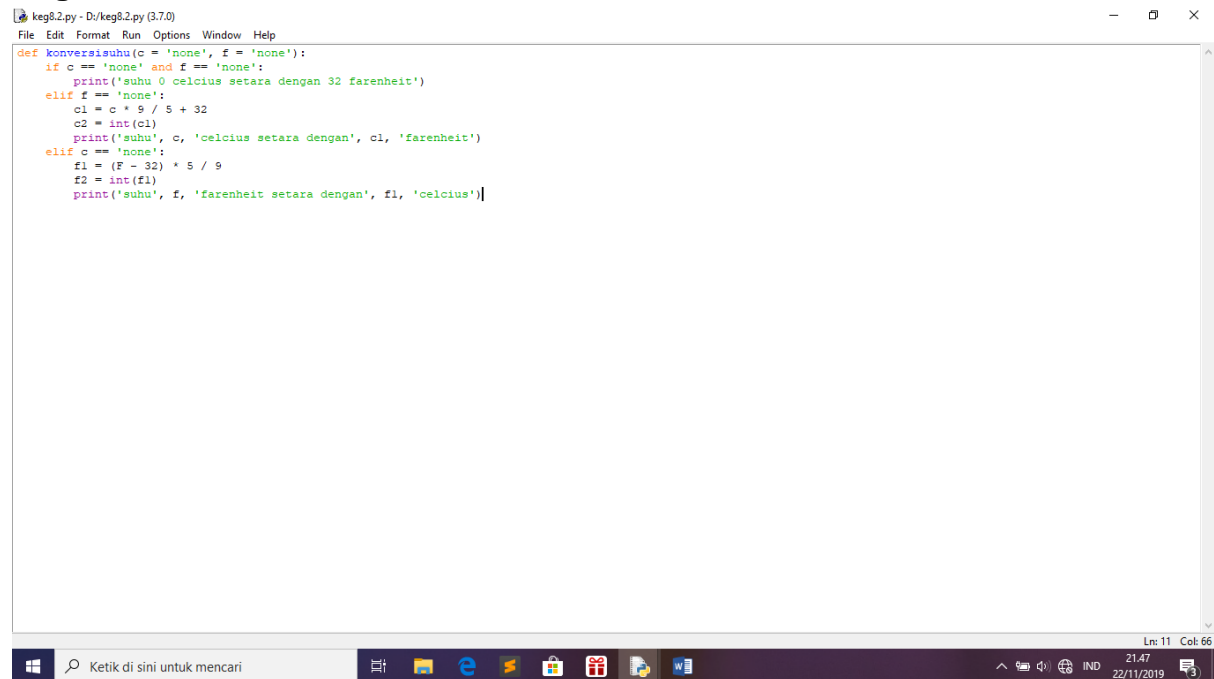
pilihan saudara:x
>>>
```

Ln: 34 Col: 4

Ketik di sini untuk mencari

21:46
22/11/2019

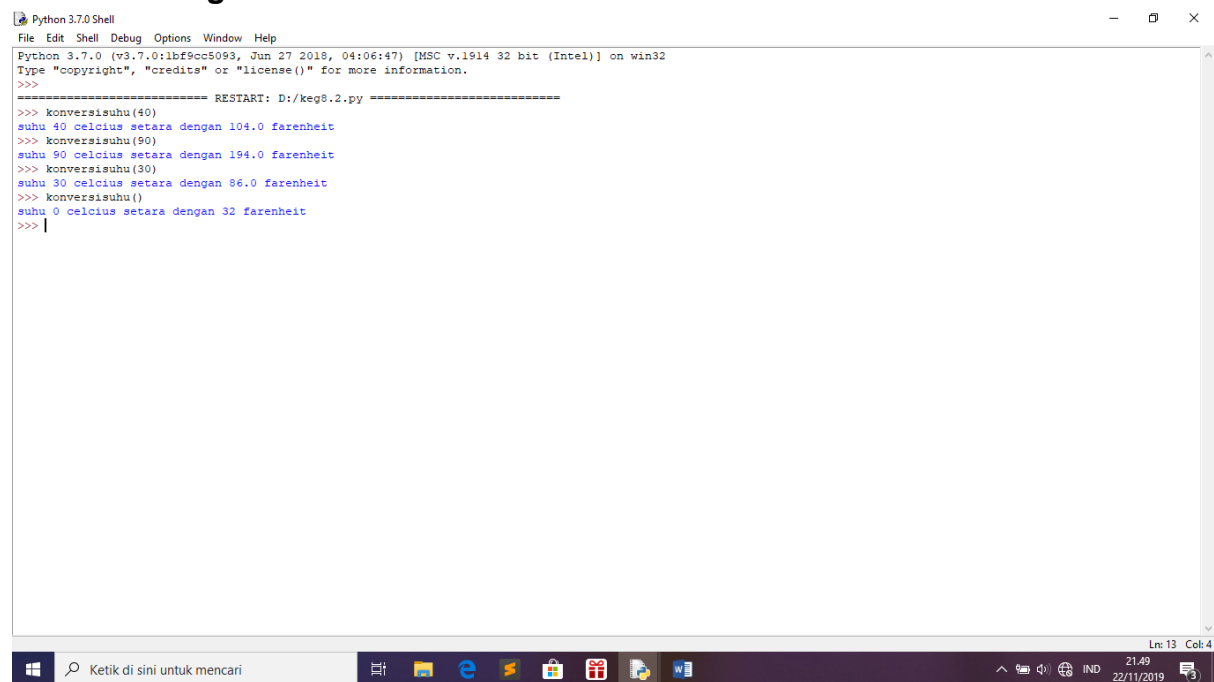
Kegiatan 2



The screenshot shows a Python script editor window titled 'keg8.2.py - D:/keg8.2.py (3.7.0)'. The menu bar includes File, Edit, Format, Run, Options, Window, and Help. The script defines a function 'konversisuhu' that takes two arguments, 'c' and 'f', both defaulting to 'none'. It uses conditional logic to convert between Celsius and Fahrenheit. The Windows taskbar at the bottom shows the search bar with the text 'Ketik di sini untuk mencari' and several application icons. The system tray on the right indicates the date and time as 22/11/2019, 21:47.

```
def konversisuhu(c = 'none', f = 'none'):
    if c == 'none' and f == 'none':
        print('suhu 0 celcius setara dengan 32 fahrenheit')
    elif f == 'none':
        c1 = c * 9 / 5 + 32
        c2 = int(c1)
        print('suhu', c, 'celcius setara dengan', c1, 'fahrenheit')
    elif c == 'none':
        f1 = (f - 32) * 5 / 9
        f2 = int(f1)
        print('suhu', f, 'fahrenheit setara dengan', f1, 'celcius')
```

Hasil dari Kegiatan 2:



The screenshot shows a Python 3.7.0 Shell window titled 'Python 3.7.0 Shell'. The menu bar includes File, Edit, Shell, Debug, Options, Window, and Help. The shell displays the output of running the script 'D:/keg8.2.py'. The output shows the function being called with various inputs and the corresponding temperature conversions. The Windows taskbar at the bottom is identical to the previous screenshot, showing the search bar and system tray with the date and time as 22/11/2019, 21:49.

```
Python 3.7.0 (tags/v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:/keg8.2.py =====
>>> konversisuhu(40)
suhu 40 celcius setara dengan 104.0 fahrenheit
>>> konversisuhu(90)
suhu 90 celcius setara dengan 194.0 fahrenheit
>>> konversisuhu(30)
suhu 30 celcius setara dengan 86.0 fahrenheit
>>> konversisuhu()
suhu 0 celcius setara dengan 32 fahrenheit
>>> |
```