

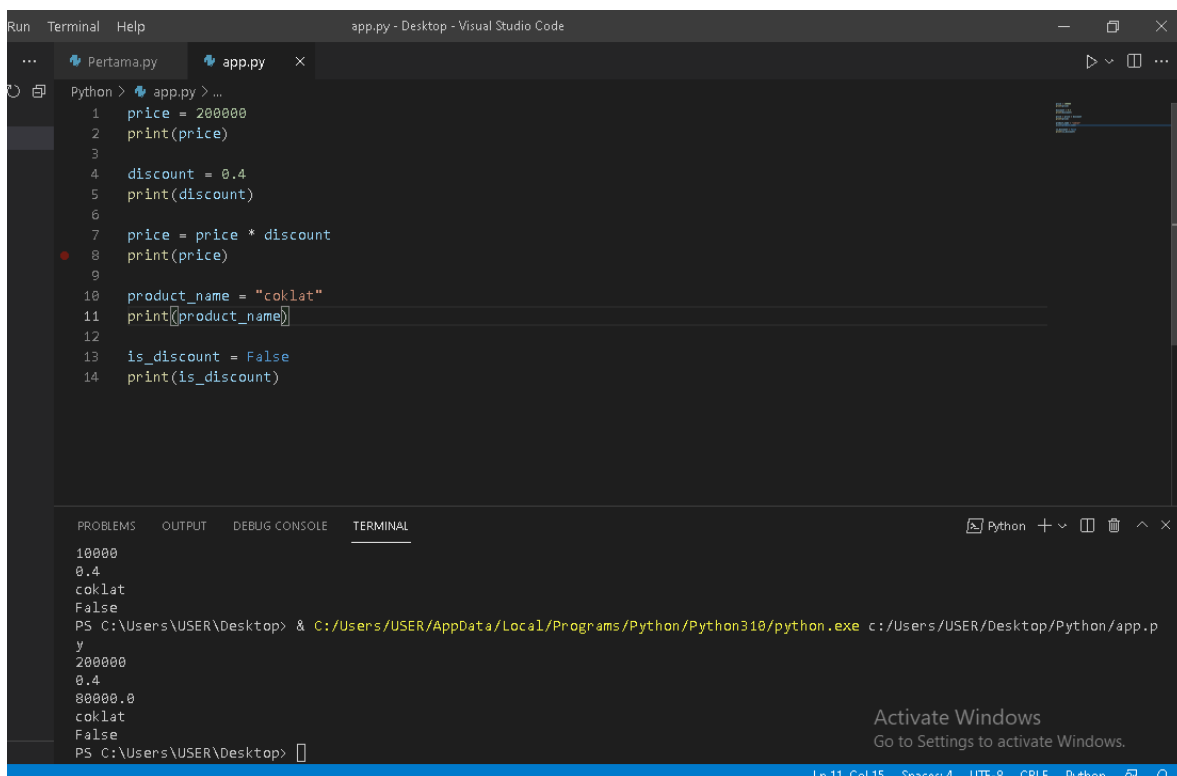
NAMA : ARMANITA ANING

NIM : 20.01.013.002

PRODI : TEKNIK INFORMATIKA (A)

TUGAS : PYTHON (1)

2. variabel dan tipe data



The image shows a Visual Studio Code window with a Python file named `app.py` open. The code in the file is as follows:

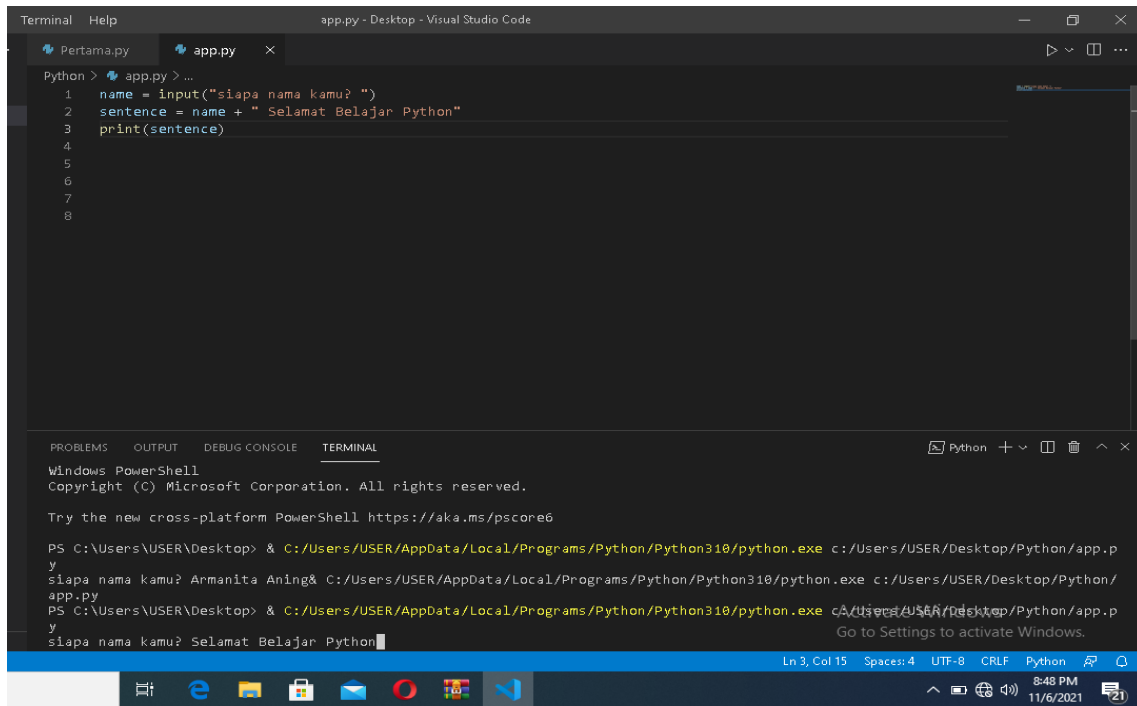
```
1 price = 200000
2 print(price)
3
4 discount = 0.4
5 print(discount)
6
7 price = price * discount
8 print(price)
9
10 product_name = "coklat"
11 print(product_name)
12
13 is_discount = False
14 print(is_discount)
```

Below the code editor, the TERMINAL panel is active, showing the output of the script and the command used to run it:

```
100000
0.4
coklat
False
PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
200000
0.4
80000.0
coklat
False
PS C:\Users\USER\Desktop>
```

An "Activate Windows" watermark is visible in the bottom right corner of the terminal panel.

3. menerima input user “ disini saya akan menginput sebuah nama dan tentang belajar python dan di run supaya output nya keluar”



The image shows a screenshot of the Visual Studio Code editor with a Python file named `app.py` open. The code in the editor is as follows:

```
1 name = input("siapa nama kamu? ")
2 sentence = name + " Selamat Belajar Python"
3 print(sentence)
4
5
6
7
8
```

Below the editor, the integrated terminal is open, showing the execution of the script. The terminal output is:

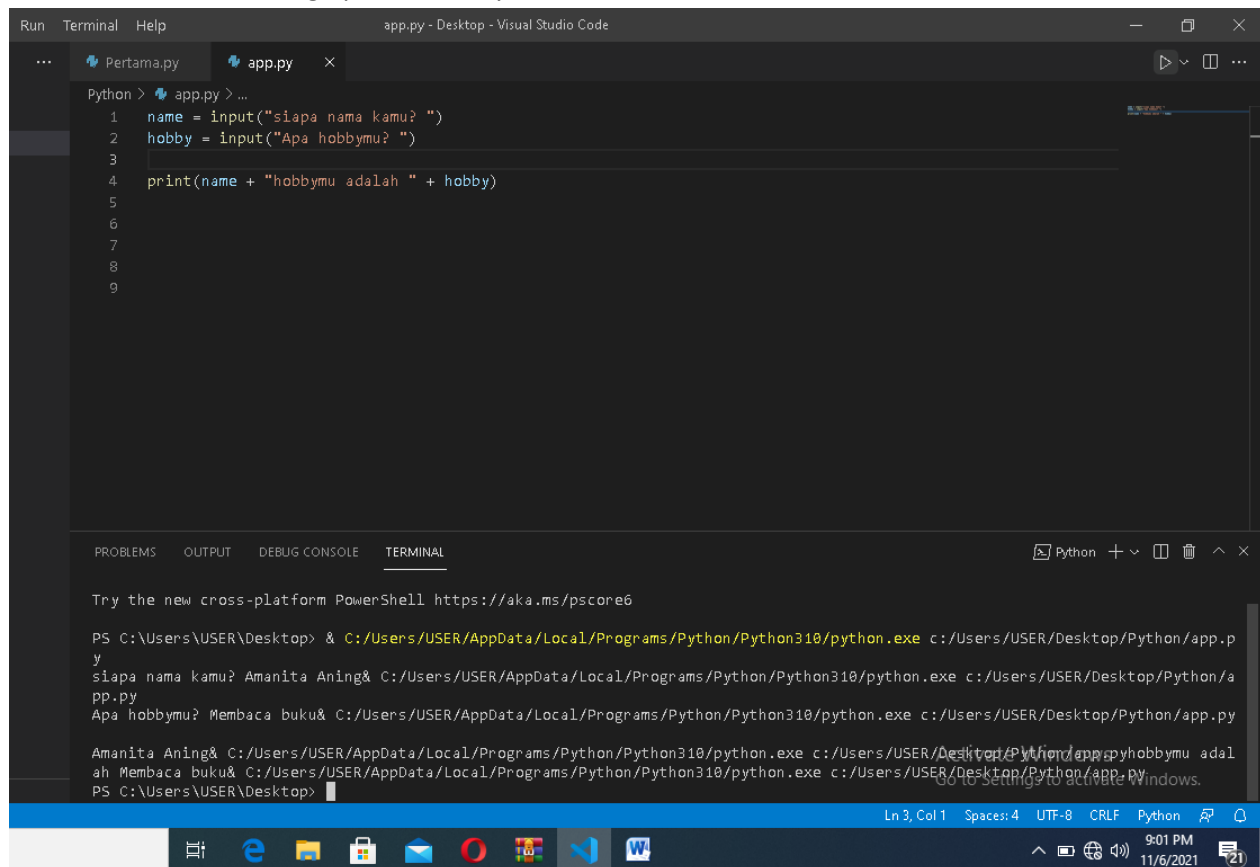
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
siapa nama kamu? Armanita Aning& C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
siapa nama kamu? Selamat Belajar Python
```

The terminal window also shows the status bar at the bottom with the following information: `Ln 3, Col 15`, `Spaces: 4`, `UTF-8`, `CRLF`, `Python`, and the system clock showing `8:48 PM` on `11/6/2021`.

Dan disini kita akan menginputkan hobby kita



The screenshot shows the Visual Studio Code interface with a file named `app.py` open. The code in the editor is as follows:

```
Python > app.py > ...
1 name = input("siapa nama kamu? ")
2 hobby = input("Apa hobbymu? ")
3
4 print(name + "hobbymu adalah " + hobby)
5
6
7
8
9
```

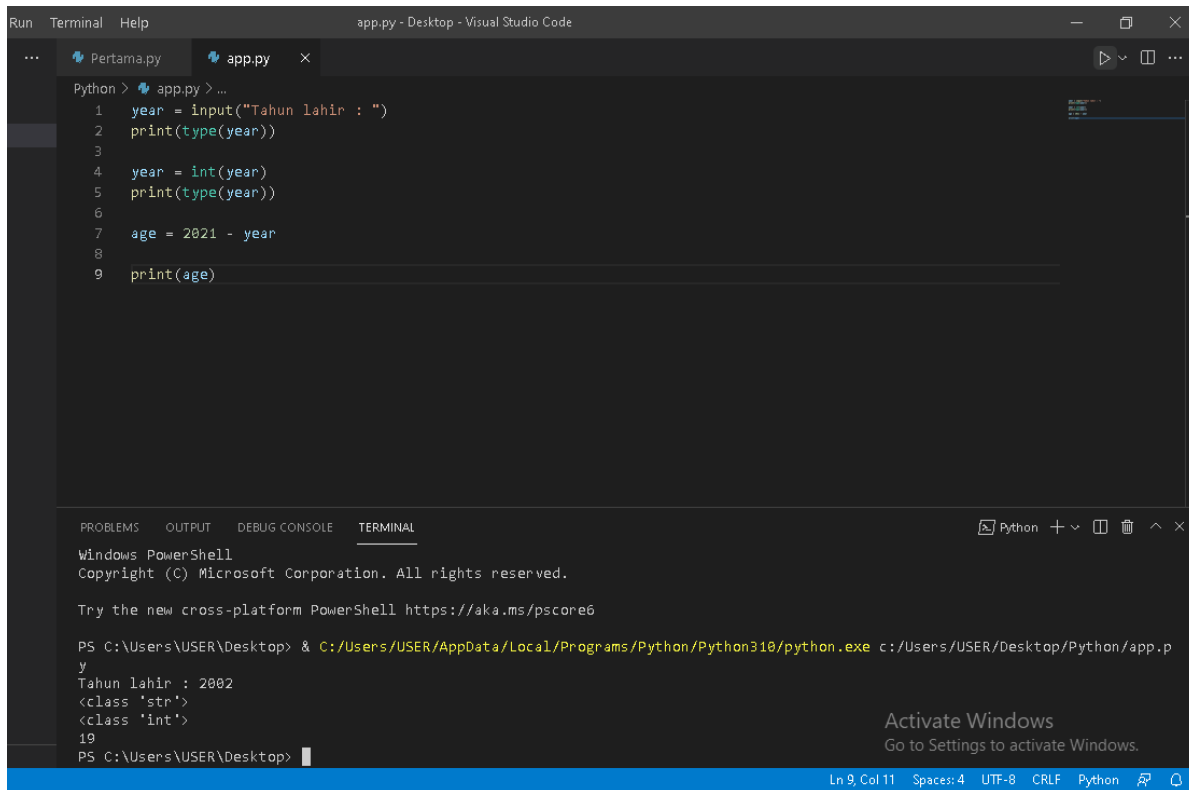
The terminal at the bottom shows the execution of the script using the command `python.exe c:/Users/USER/Desktop/Python/app.py`. The output of the script is:

```
PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
siapa nama kamu? Amanita Aning& C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/a
pp.py
Apa hobbymu? Membaca buku& C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
Amanita Aning& C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.pyhobbymu adal
ah Membaca buku& C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
PS C:\Users\USER\Desktop>
```

The status bar at the bottom indicates the current line is 3, column 1, with 4 spaces, using UTF-8 encoding and CRLF line endings. The system clock shows 9:01 PM on 11/6/2021.

4. type conversion

4. type conversion.” Dan disini kita akan menginput tahun lahir kita”



The screenshot shows the Visual Studio Code interface with a file named `app.py` open. The code in the editor is as follows:

```
Python > app.py > ...
1 year = input("Tahun lahir : ")
2 print(type(year))
3
4 year = int(year)
5 print(type(year))
6
7 age = 2021 - year
8
9 print(age)
```

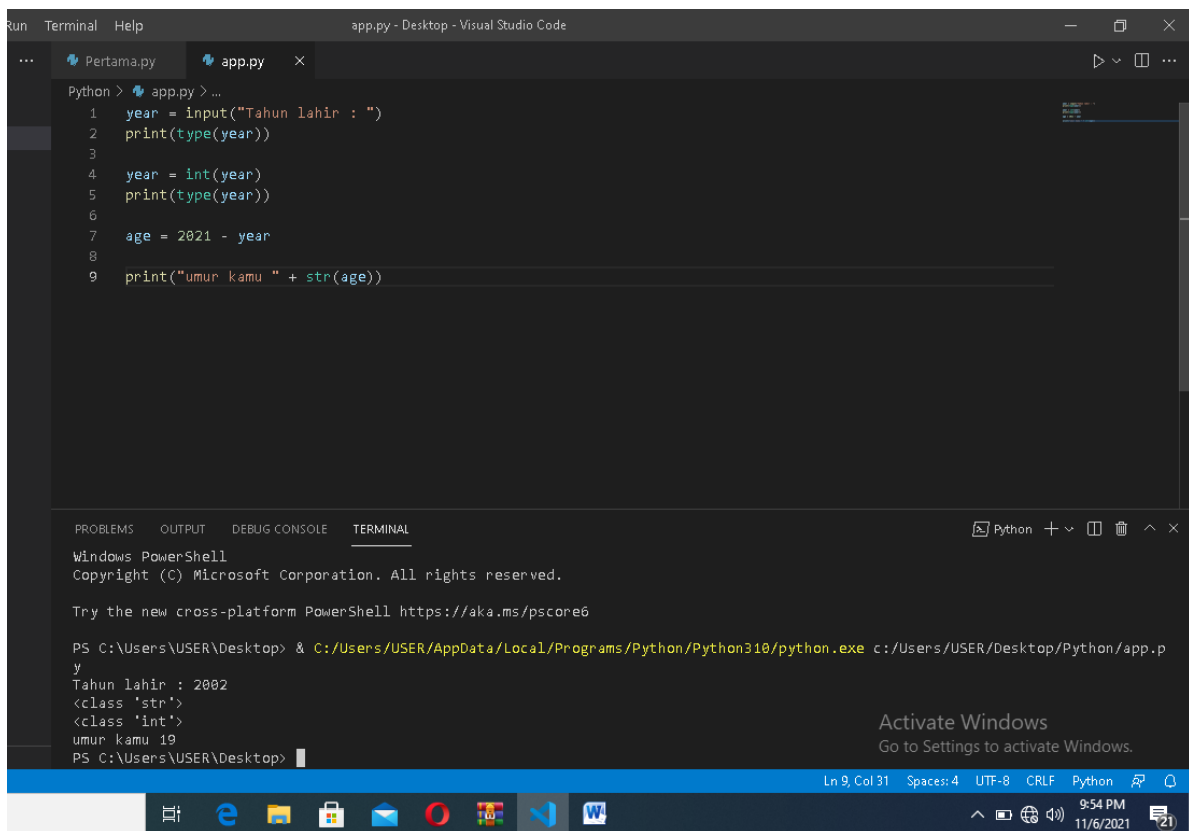
The terminal window at the bottom shows the execution of the script:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
Tahun lahir : 2002
<class 'str'>
<class 'int'>
19
PS C:\Users\USER\Desktop>
```

The status bar at the bottom indicates the current position is `Ln 9, Col 11`, with `Spaces: 4`, `UTF-8` encoding, `CRLF` line endings, and the `Python` interpreter selected.



The screenshot shows the same Visual Studio Code interface, but the code in `app.py` has been modified to include string formatting:

```
Python > app.py > ...
1 year = input("Tahun lahir : ")
2 print(type(year))
3
4 year = int(year)
5 print(type(year))
6
7 age = 2021 - year
8
9 print("umur kamu " + str(age))
```

The terminal window shows the updated execution results:

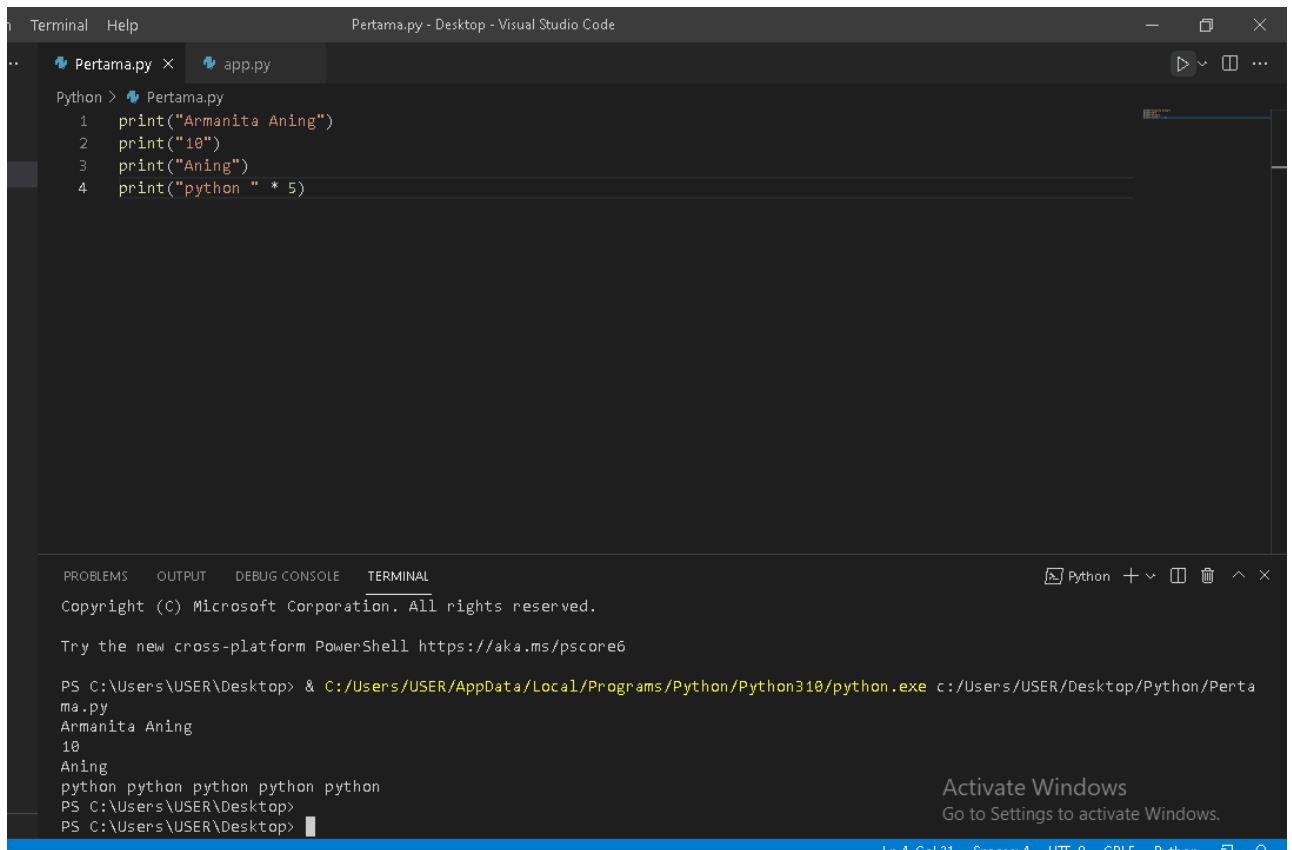
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app.py
Tahun lahir : 2002
<class 'str'>
<class 'int'>
umur kamu 19
PS C:\Users\USER\Desktop>
```

The status bar at the bottom now indicates the current position is `Ln 9, Col 31`, with `Spaces: 4`, `UTF-8` encoding, `CRLF` line endings, and the `Python` interpreter selected. The Windows taskbar is visible at the bottom of the screen.

1. Program python pertama”disini kita akan menggunakan program nama kita sendiri”



The image shows a screenshot of the Visual Studio Code editor. The top panel displays the code for a Python file named 'Pertama.py'. The code consists of four lines:

```
1 print("Armanita Aning")
2 print("10")
3 print("Aning")
4 print("python " * 5)
```

The bottom panel shows the terminal output after running the script. The output is:

```
Armanita Aning
10
Aning
python python python python python
```

The terminal also shows the command used to run the script: `PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/Pertama.py`. An 'Activate Windows' watermark is visible in the bottom right corner of the terminal area.