

Persegi

1. Keliling : konsep 1

The screenshot shows a development environment with three main windows:

- Flowchart Window:** Displays a flowchart titled "Main". It starts with a "Real keliling, s" step, followed by an "Output 'sisi = 7 cm'" step. Then it branches into two parallel paths:
 - The first path goes through a "s = 7" step and a "keliling = 4*s" step, followed by an "Output 'maka keliling dari persegi tersebut adalah & keliling ...'" step.
 - The second path goes through an "Output 'cm'" step and ends with an "End" step.
- Source Code Viewer Window:** Shows the Python code for calculating the perimeter of a square with side length 7 cm.

```
print("sisi = 7 cm")
s = 7
keliling = 4 * s
print(" maka keliling dari persegi tersebut adalah ")
print("cm")
```
- Terminal Window:** Displays the execution of the Python script and its output.

```
sisi = 7 cm
maka keliling dari persegi tersebut adalah 28cm
PS C:\Users\ASUS>
```

2. Keliling : konsep 2

The screenshot shows a development environment with three main windows:

- Flowchart Window:** Displays a flowchart titled "Main". It starts with a "Real keliling, s" step, followed by an "Output 'masukkan sisi'" step. Then it branches into two parallel paths:
 - The first path goes through an "Input s" step and a "keliling = 4*s" step, followed by an "Output 'maka keliling dari segitiga tersebut adalah & keliling ...'" step.
 - The second path goes through an "Output 'cm'" step and ends with an "End" step.
- Source Code Viewer Window:** Shows the Python code for calculating the perimeter of a triangle based on user input.

```
print("masukkan sisi")
s = float(input())
keliling = 4 * s
print(" maka keliling dari segitiga tersebut adalah ")
print("cm")
```
- Terminal Window:** Displays the execution of the Python script and its output.

```
masukkan sisi
7
maka keliling dari segitiga tersebut adalah 28cm
PS C:\Users\ASUS>
```

3. Luas : konsep 1

The screenshot shows a Windows desktop with three windows open:

- Flowgorithm window:** A flowchart titled "konsep 1 luas - Flowgorithm" with the following steps:
 - Main
 - Real Luas, sisi
 - Output "sisi = 7cm"
 - sisi = 7
 - Output "sisi = 7cm"
 - sisi = 7
 - Luas = sisi*sisi
 - Output " maka luas dari persegi tersebut adalah & Luas ..."
 - Output "cm"
- Source Code Viewer window:** A Python code editor showing the following script:

```
0 print("sisi = 7cm")
1 sisi = 7
2 print("sisi = 7cm")
3 sisi = 7
4 luas = sisi * sisi
5 print(" maka luas dari persegi tersebut adalah " + str(
6 luas)
7 print("cm")
```
- Visual Studio Code window:** A terminal window titled "persegi konsep 1.py" showing the output of running the script:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/persegi/luas/konsep 1 luas/persegi konsep 1.py"
sisi = 7cm
sisi = 7cm
maka luas dari persegi tersebut adalah 49cm
PS C:\Users\ASUS>
```

4. Luas : konsep 2

The screenshot shows a Windows desktop with three windows open:

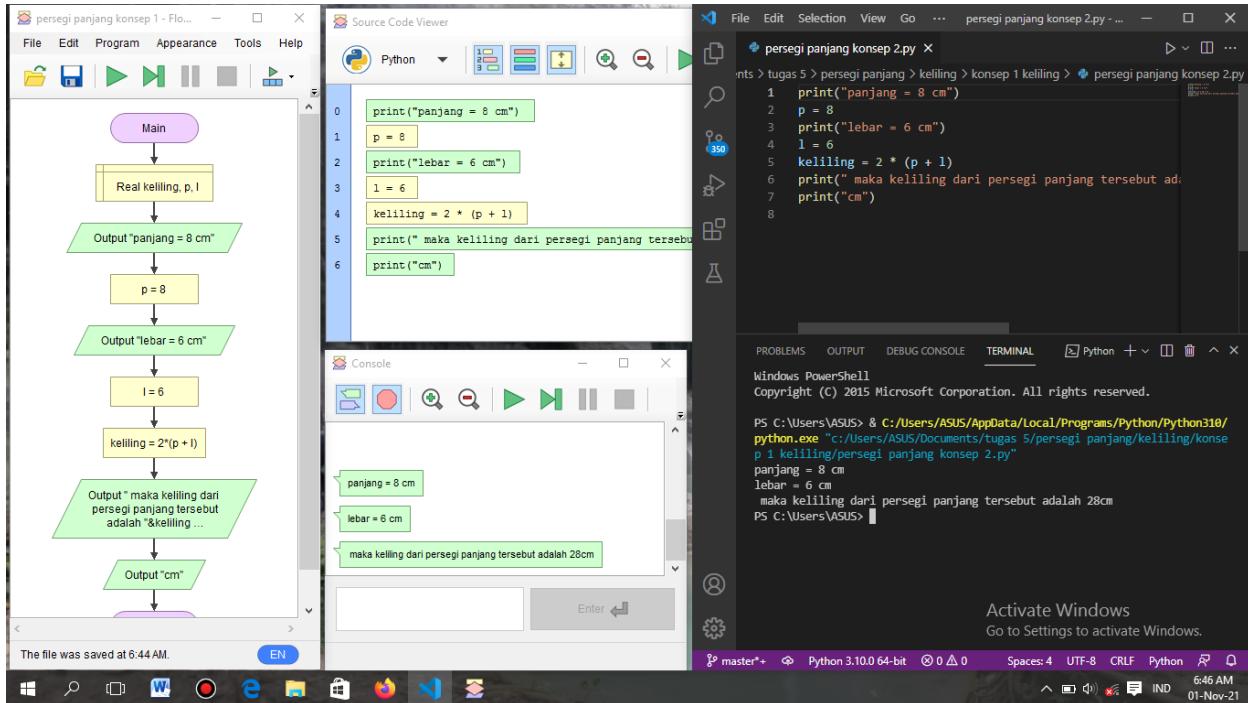
- Flowgorithm window:** A flowchart titled "luas konsep 2 - Flowgorithm" with the following steps:
 - Main
 - Real Luas, s
 - Output "masukkan sisi"
 - Input s
 - Output "masukkan sisi"
 - Input s
 - Luas = s*s
 - Output " maka luas dari segitiga tersebut adalah & Luas ..."
 - Output "cm"
- Source Code Viewer window:** A Python code editor showing the following script:

```
0 print("masukkan sisi")
1 s = float(input())
2 print("masukkan sisi")
3 s = float(input())
4 luas = s * s
5 print(" maka luas dari segitiga tersebut adalah " + str(
6 luas)
7 print("cm")
```
- Visual Studio Code window:** A terminal window titled "luas konsep 2.py" showing the output of running the script:

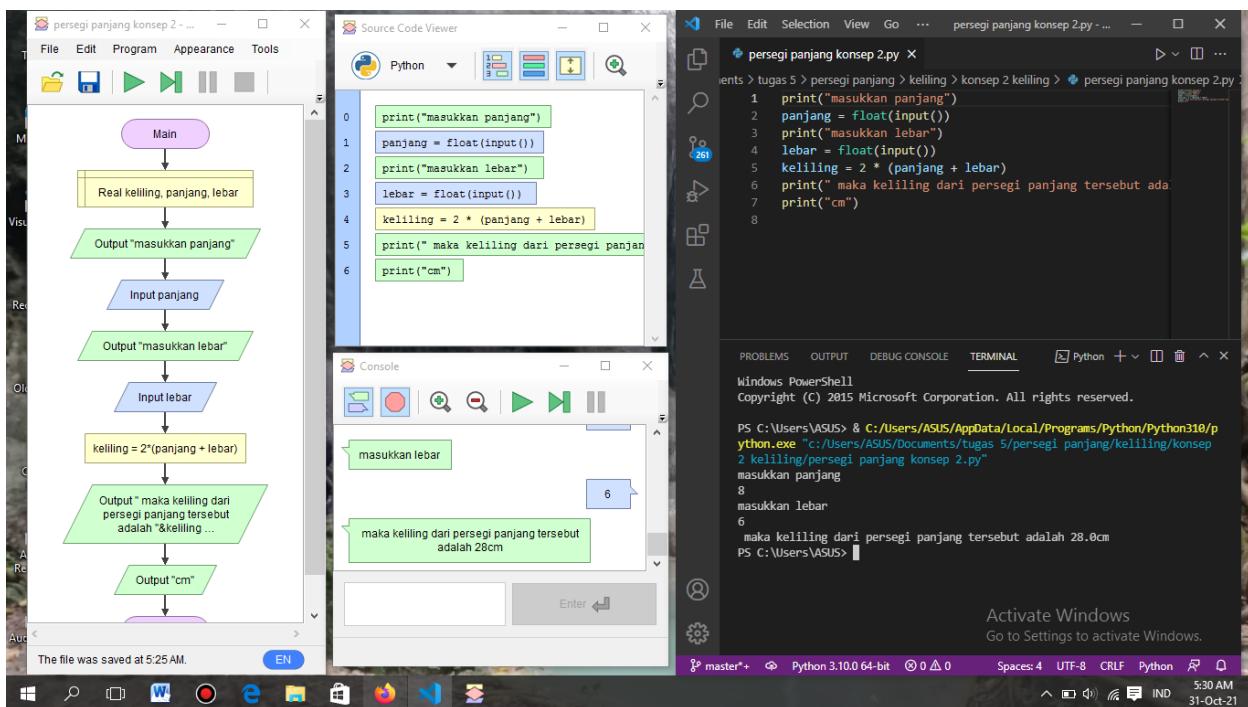
```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/persegi/luas/konsep 2 luas/luas konsep 2.py"
masukkan sisi
7
masukkan sisi
7
maka luas dari segitiga tersebut adalah 49.0cm
PS C:\Users\ASUS>
```

Persegi panjang

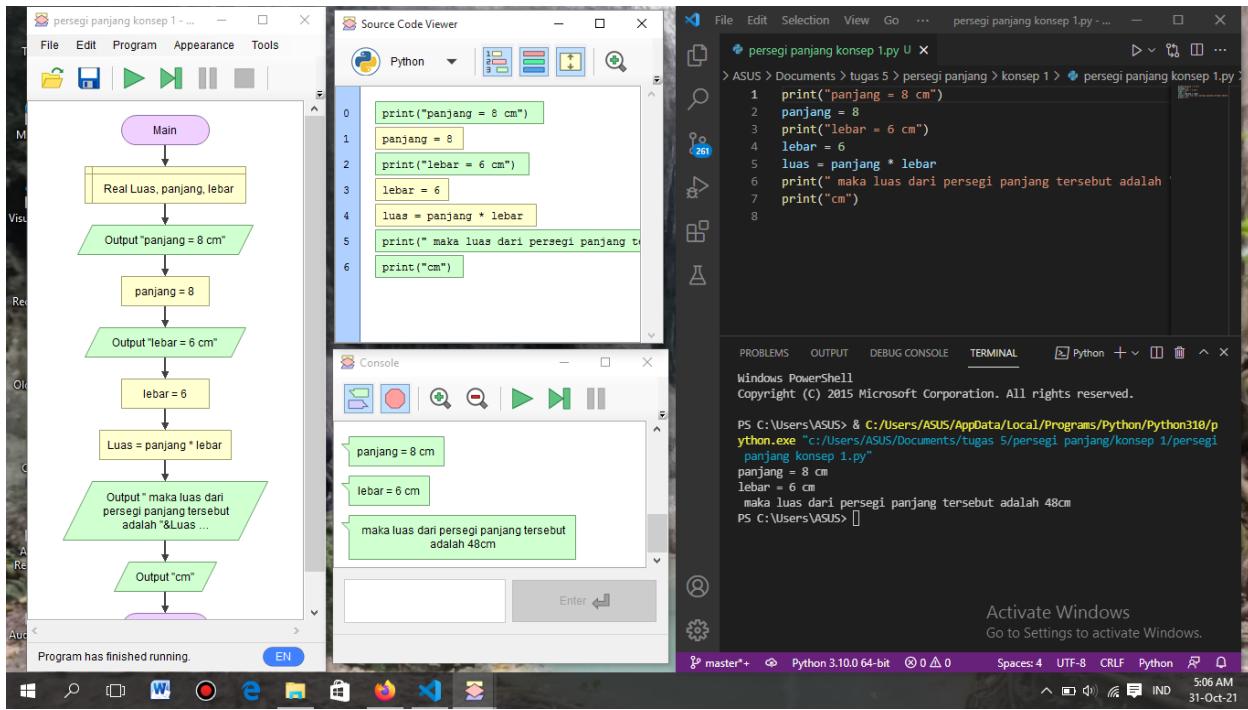
5. Keliling : konsep 1



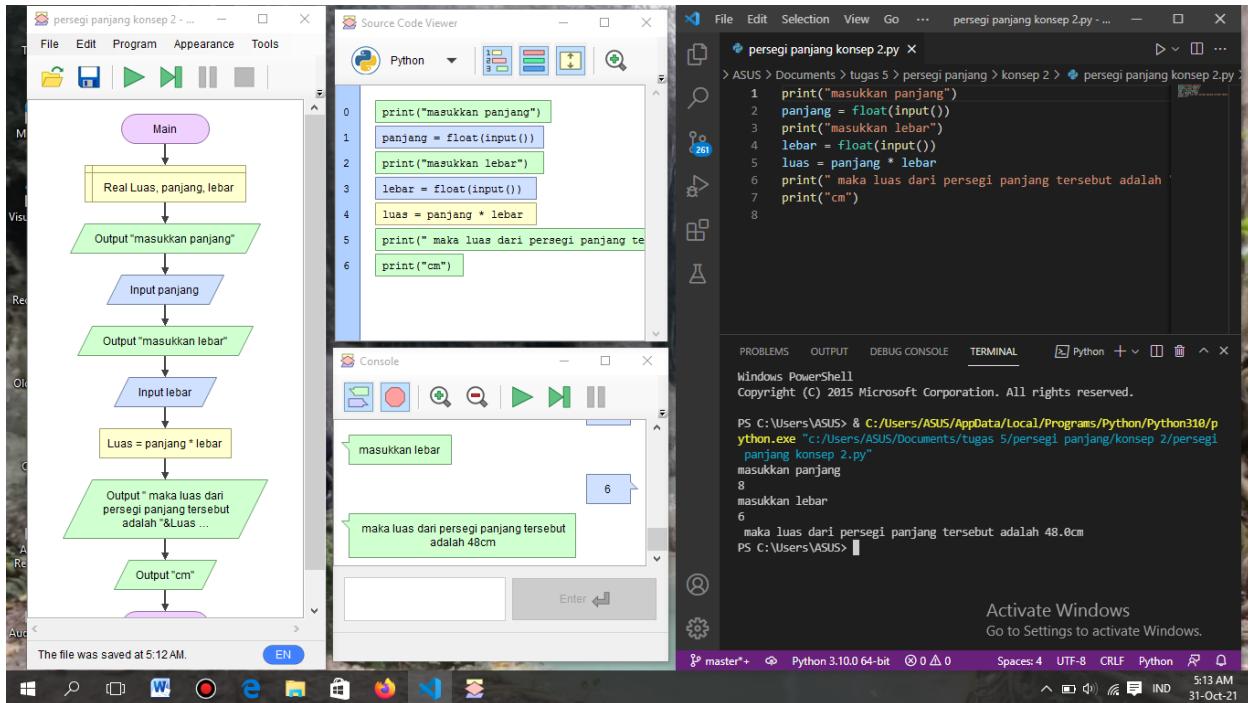
6. Keliling : konsep 2



7. Luas : konsep 1



8. Luas : konsep 2



Jajar genjang

9. Keliling : konsep 1

The screenshot shows a Windows desktop with three open windows:

- Flowgorithm window:** A flowchart titled "Main" with the following steps:
 - Real jajar genjang, AB, BC, CD, DA
 - Output "AB = 12 cm"
 - AB = 12
 - Output "BC = 5 cm"
 - BC = 5
 - Output "CD = 16 cm"
 - CD = 16
 - Output "DA = 8 cm"
 - DA = 8
- Source Code Viewer window:** Python code for calculating the perimeter of a parallelogram.

```
print("AB = 12 cm")
aB = 12
print("BC = 5 cm")
bC = 5
print("CD = 16 cm")
cD = 16
print("DA = 8 cm")
dA = 8
keliling = aB + bC + cD + dA
print(" maka keliling dari jajar genjang tersebut adalah ")
print("cm")
```
- Terminal window:** Shows the execution of the Python script and its output.

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/jajar genjang/keliling/konsep 1.py"
AB = 12 cm
BC = 5 cm
CD = 16 cm
DA = 8 cm
 maka keliling dari jajar genjang tersebut adalah 41cm
PS C:\Users\ASUS>
```

10. Keliling : konsep 2

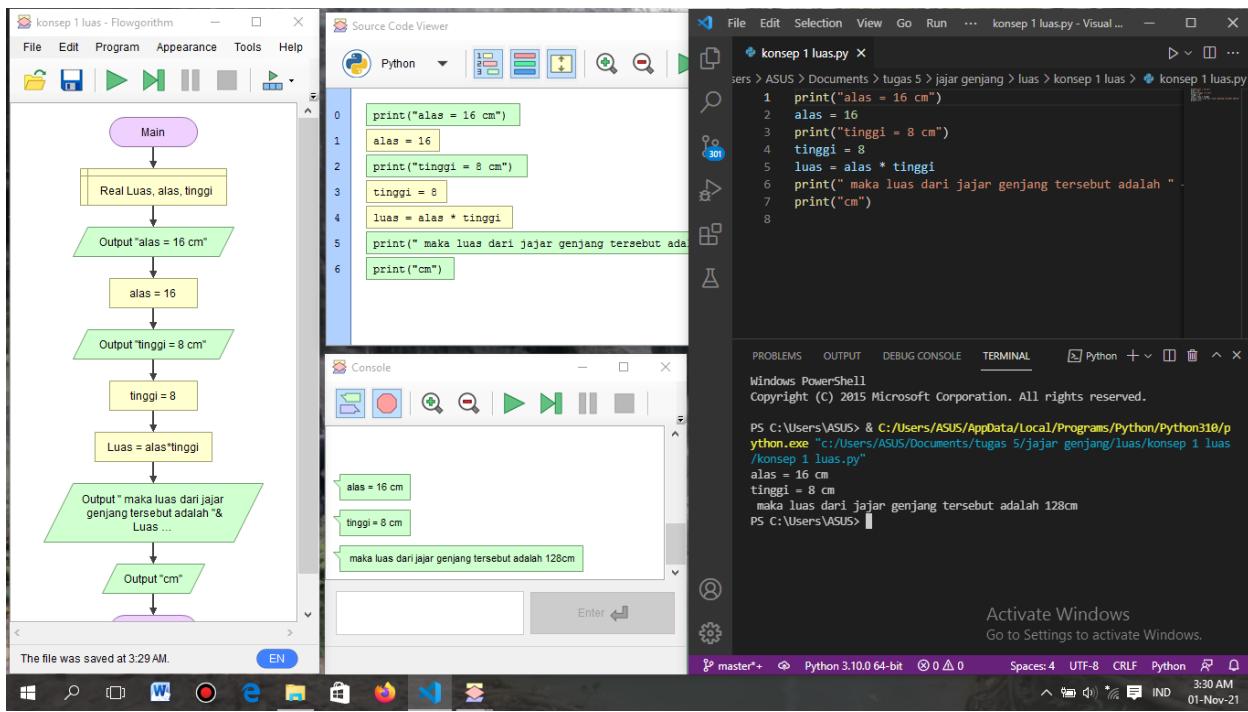
The screenshot shows a Windows desktop with three open windows:

- Flowgorithm window:** A flowchart titled "Main" with the following steps:
 - Real jajar genjang, AB, BC, CD, DA
 - Output "masukkan AB"
 - Input AB
 - Output "masukkan BC"
 - Input BC
 - Output "masukkan CD"
 - Input CD
 - Output "masukkan DA"
 - Input DA
- Source Code Viewer window:** Python code for calculating the perimeter of a parallelogram by taking user input for each side length.

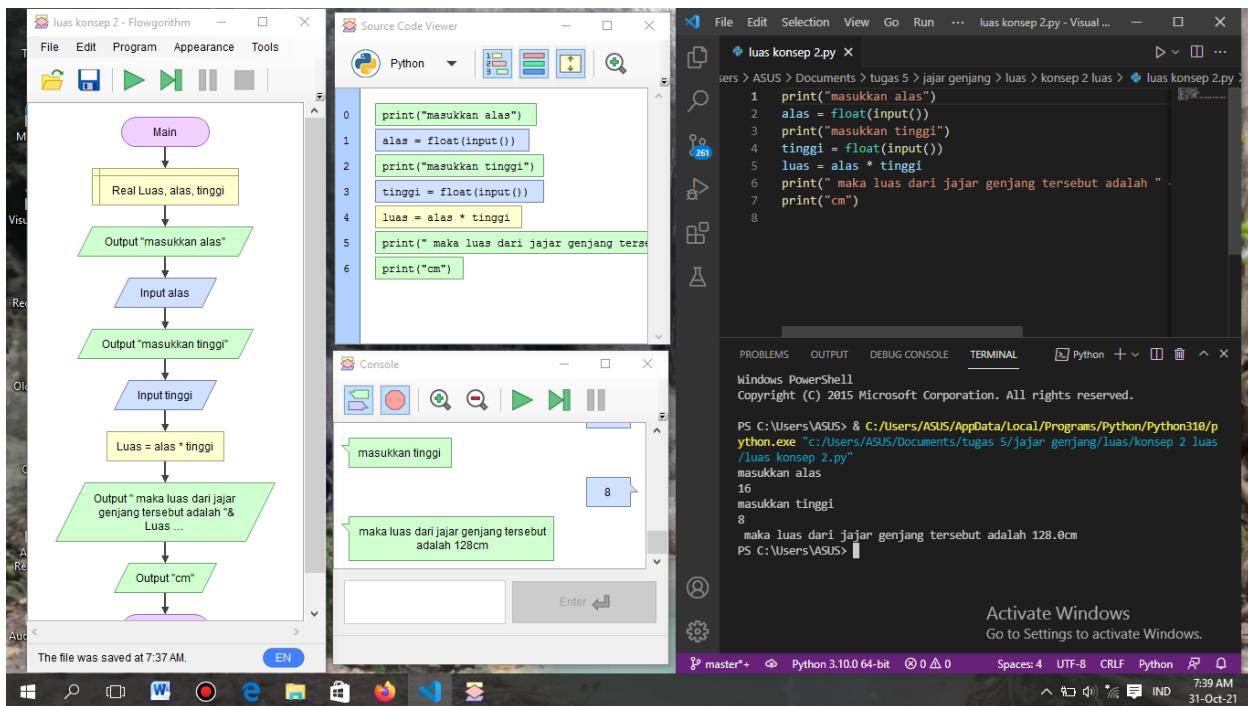
```
print("masukkan AB")
aB = float(input())
print("masukkan BC")
bC = float(input())
print("masukkan CD")
cD = float(input())
print("masukkan DA")
dA = float(input())
keliling = aB + bC + cD + dA
print(" maka keliling dari jajar genjang tersebut adalah ")
print("cm")
```
- Terminal window:** Shows the execution of the Python script and its output, demonstrating user interaction.

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/jajar genjang/keliling/konsep 2.py"
masukkan AB
12
masukkan BC
5
masukkan CD
16
masukkan DA
8
 maka keliling dari jajar genjang tersebut adalah 41.0cm
PS C:\Users\ASUS>
```

11. Luas : konsep 1



12. Luas : konsep 2



Segitiga

13. Keliling : konsep 1

The screenshot shows the Visual Studio Code interface with three main panes:

- Flowchart:** A flowchart titled "konsep 1 - Flowgorithm" illustrating the steps to calculate the perimeter of a triangle. It starts with "Output 'a = 20 cm'", followed by setting "a = 20", then "Output 'b = 15 cm'", followed by setting "b = 15", then "Output 'c = 4 cm'", followed by setting "c = 4". It then calculates "keliling = a + b + c" and outputs "Output ' maka keliling dari segitiga tersebut adalah & keliling ...'" followed by "Output 'cm'" and finally "End".
- Source Code Viewer:** A Python code editor showing the source code for "konsep 1.py". The code prints the side lengths (a=20, b=15, c=4), calculates the perimeter (keliling = a+b+c), and prints the result (maka keliling dari segitiga tersebut adalah 39cm). The code is:

```
print("a = 20 cm")
a = 20
print("b = 15 cm")
b = 15
print("c = 4 cm")
c = 4
keliling = a + b + c
print(" maka keliling dari segitiga tersebut adalah ")
print("cm")
```
- Console:** A terminal window showing the execution of the Python script. The output shows the input values (BC=15 cm, CD=2 cm, DA=8 cm) and the calculated perimeter (maka keliling dari segitiga tersebut adalah 39cm).

14. Keliling : konsep 2

The screenshot shows the Visual Studio Code interface with three main panes:

- Flowchart:** A flowchart titled "keliling konsep 2 - Flowgorithm" showing a process where the user inputs the sides of a triangle. It starts with "Main", then "Real keliling, A, B, C", followed by "Output 'masukkan sisi A'", "Input A", "Output 'masukkan sisi B'", "Input B", "Output 'masukkan sisi C'", "Input C", then calculates "keliling = A+B+C", and finally outputs "Output ' maka keliling dari segitiga tersebut adalah & keliling ...'".
- Source Code Viewer:** A Python code editor showing the source code for "keliling konsep 2.py". The code prompts the user to enter the sides (masukkan sisi A, B, C), converts them to floats, calculates the perimeter (keliling = a + b + c), and prints the result (maka keliling dari segitiga tersebut adalah 39cm). The code is:

```
print("masukkan sisi A")
a = float(input())
print("masukkan sisi B")
b = float(input())
print("masukkan sisi C")
c = float(input())
keliling = a + b + c
print(" maka keliling dari segitiga tersebut adalah ")
print("cm")
```
- Console:** A terminal window showing the execution of the Python script. The user inputs the side lengths (masukkan sisi A: 20, masukkan sisi B: 15, masukkan sisi C: 4) and the script calculates and prints the perimeter (maka keliling dari segitiga tersebut adalah 39.0cm).

15. Luas : konsep 1

The screenshot shows a Windows desktop with three open windows:

- Flowgorithm window:** Displays a flowchart titled "konsep 1 luas". It starts with a Main block, followed by a "Real Luas, alas, tinggi" block. This leads to an "Output 'alas = 15 cm'" block, which then branches to "alas = 15" and "Output 'tinggi = 4 cm'". These lead to "tinggi = 4" and "Luas = 1/2*alas*tinggi". Finally, it outputs "maka luas dari segitiga tersebut adalah & Luas ..." and "Output 'cm'".
- Source Code Viewer window:** Shows the corresponding Python code:

```
0 print("alas = 15 cm")
1 alas = 15
2 print("tinggi = 4 cm")
3 tinggi = 4
4 luas = float(1) / 2 * alas * tinggi
5 print(" maka luas dari segitiga tersebut adalah " + str(luas))
6 print("cm")
```
- Terminal window:** Shows the output of running the script "konsep 1 luas.py":

```
PS C:\Users\ASUS> & c:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/segitiga/luas/konsep 1 luas.py"
alas = 15 cm
tinggi = 4 cm
 maka luas dari segitiga tersebut adalah 30.0cm
PS C:\Users\ASUS>
```

16. Luas : konsep 2

The screenshot shows a Windows desktop with three open windows:

- Flowgorithm window:** Displays a flowchart titled "keliling konsep 2". It starts with a Main block, followed by a "Real keliling, A, B, C" block. This leads to an "Output 'masukkan sisi A'" block, which then branches to "Input A" and "Output 'masukkan sisi B'". These lead to "Input B" and "Output 'masukkan sisi C'". These lead to "Input C" and "keliling = A+B+C". Finally, it outputs "maka keliling dari segitiga tersebut adalah & keliling".
- Source Code Viewer window:** Shows the corresponding Python code:

```
0 print("masukkan sisi A")
1 a = float(input())
2 print("masukkan sisi B")
3 b = float(input())
4 print("masukkan sisi C")
5 c = float(input())
6 keliling = a + b + c
7 print(" maka keliling dari segitiga tersebut adalah " + str(keliling))
8 print("cm")
```
- Terminal window:** Shows the output of running the script "keliling konsep 2.py":

```
PS C:\Users\ASUS> & c:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/segitiga/keliling/konsep 2 keliling/konsep 2.py"
masukkan sisi A
4
 maka keliling dari segitiga tersebut adalah 39cm
PS C:\Users\ASUS>
```

Belah ketupat

17. Keliling : konsep 1

The screenshot shows a Windows desktop with three main windows:

- Flowgorithm window:** Titled "konsep 1 - Flowgorithm". It contains a flowchart starting with a "Main" node, followed by a "Real keliling, AB, BC, CD, DA" node, and then four "Output" nodes: "AB = 8 cm", "BC = 10 cm", "CD = 8 cm", and "DA = 10 cm".
- Source Code Viewer window:** Titled "konsep 1.py". It displays the following Python code:

```
print("AB = 8 cm")
aB = 8
print("BC = 10 cm")
bC = 10
print("CD = 8 cm")
cD = 8
print("DA = 10 cm")
dA = 10
keliling = aB + bC + cD + dA
print(" maka keliling dari belah ketupat tersebut adalah")
print("cm")
```
- Terminal window:** Titled "konsep 1.py - Visual Studio Code". It shows the command line and the output of the Python script:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/belah ketupat/keliling/konsep 1/keliling/konsep 1.py"
AB = 8 cm
BC = 10 cm
CD = 8 cm
DA = 10 cm
 maka keliling dari belah ketupat tersebut adalah 36cm
PS C:\Users\ASUS>
```

18. Keliling : konsep 2

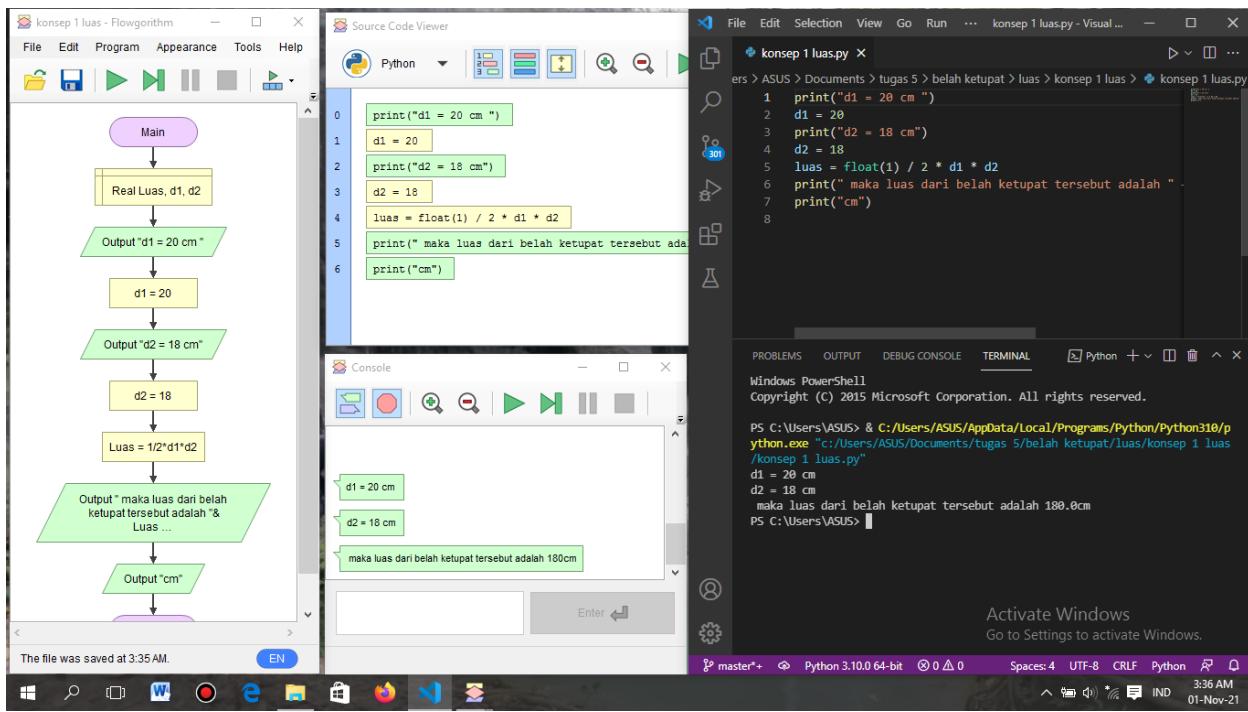
The screenshot shows a Windows desktop with three main windows:

- Flowgorithm window:** Titled "keliling konsep 2 - Flowgorithm". It contains a flowchart starting with a "Main" node, followed by a "Real keliling, AB, BC, CD, DA" node, and then four "Input" nodes: "Input AB", "Input BC", "Input CD", and "Input DA". After these, there are four "Output" nodes: "masukkan AB", "masukkan BC", "masukkan CD", and "masukkan DA".
- Source Code Viewer window:** Titled "keliling konsep 2.py". It displays the following Python code:

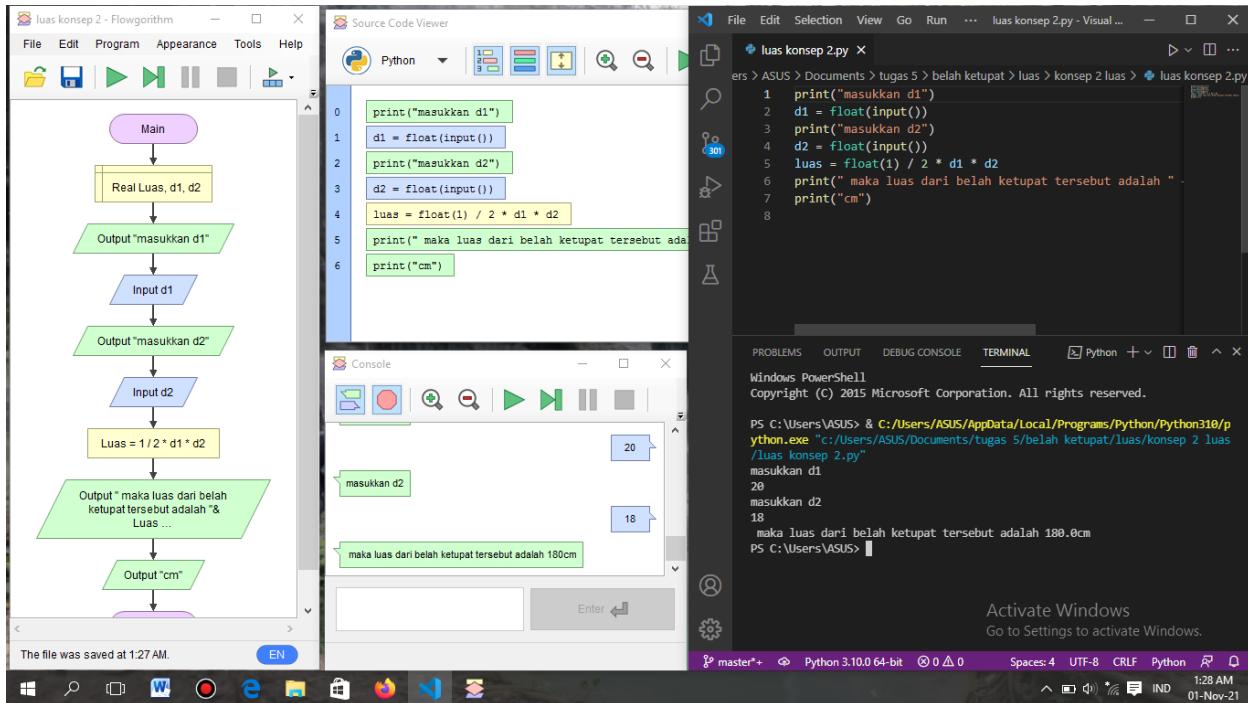
```
print("masukkan AB")
aB = float(input())
print("masukkan BC")
bC = float(input())
print("masukkan CD")
cD = float(input())
print("masukkan DA")
dA = float(input())
keliling = aB + bC + cD + dA
print(" maka keliling dari belah ketupat tersebut adalah 36cm")
```
- Terminal window:** Titled "keliling konsep 2.py - Visual Studio Code". It shows the command line and the output of the Python script:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/belah ketupat/keliling/konsep 2/keliling/konsep 2.py"
masukkan AB
8
masukkan BC
10
masukkan CD
8
masukkan DA
10
 maka keliling dari belah ketupat tersebut adalah 36.0cm
PS C:\Users\ASUS>
```

19. Luas : konsep 1



20. Luas : konsep 2



Layang-layang

21. Keliling : konsep 1

The screenshot shows a Windows desktop with three main windows:

- Flowgorithm window:** Titled "konsep 1 - Flowgorithm". It contains a flowchart starting with a "Main" node, followed by a "Real keling, AB, BC, CD, DA" node, and then five output nodes: "Output 'AB = 10 cm'", "AB = 10", "Output 'BC = 15 cm'", "BC = 15", "Output 'CD = 2 cm'", "CD = 2", "Output 'DA = 8 cm'", "DA = 8".
- Source Code Viewer window:** Titled "konsep 1.py". It displays the following Python code:

```
print("AB = 10 cm")
aB = 10
print("BC = 15 cm")
bC = 15
print("CD = 2 cm")
cD = 2
print("DA = 8 cm")
dA = 8
keliling = aB + bC + cD + dA
print(" maka keliling dari layang-layang tersebut adalah")
print("cm")
```
- Terminal window:** Titled "konsep 1.py - Visual Studio Code". It shows the command "python konsep 1.py" being run, followed by the output:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/layang-layang/keliling/konsep 1\keliling/konsep 1.py"
AB = 10 cm
BC = 15 cm
CD = 2 cm
DA = 8 cm
 maka keliling dari layang-layang tersebut adalah 35cm
PS C:\Users\ASUS>
```

22. Keliling : konsep 2

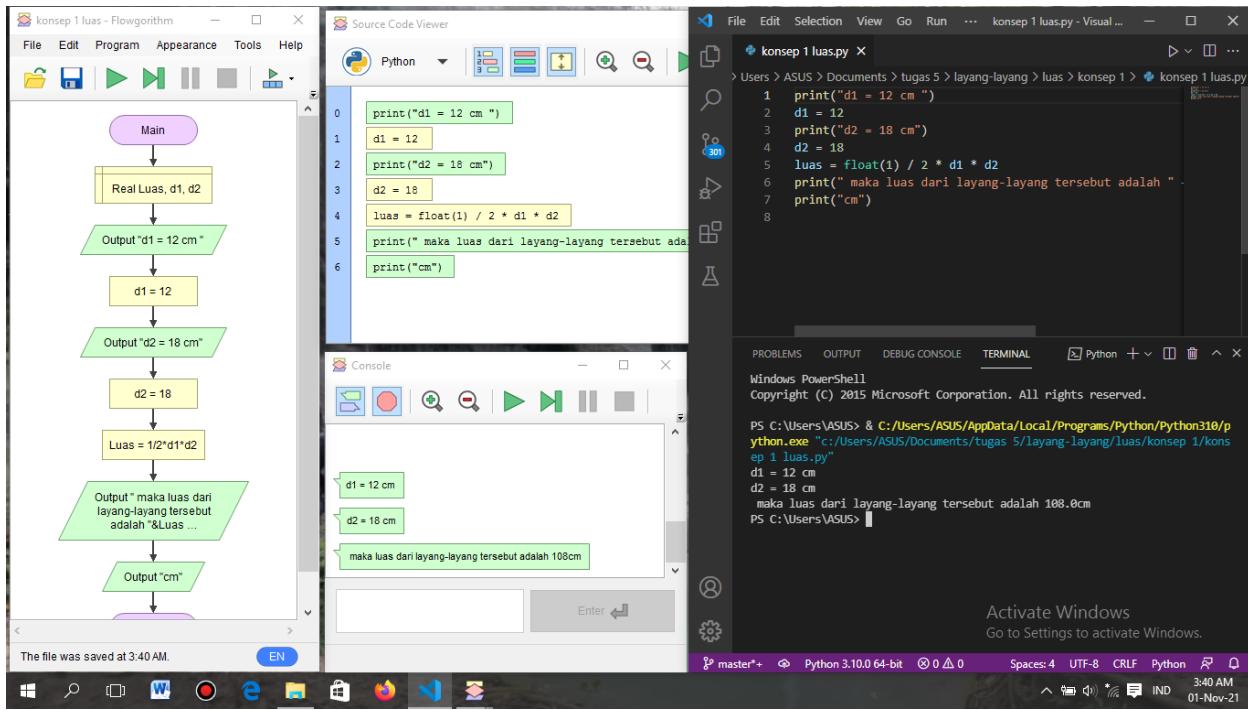
The screenshot shows a Windows desktop with three main windows:

- Flowgorithm window:** Titled "keliling konsep 2 - Flowgorithm". It contains a flowchart starting with a "Main" node, followed by a "Real keling, AB, BC, CD, DA" node, and then four input nodes: "Input AB", "Input BC", "Input CD", and "Input DA", each followed by an "Output 'masukkan'" node: "Output 'masukkan AB'", "Output 'masukkan BC'", "Output 'masukkan CD'", and "Output 'masukkan DA'".
- Source Code Viewer window:** Titled "keliling konsep 2.py". It displays the following Python code:

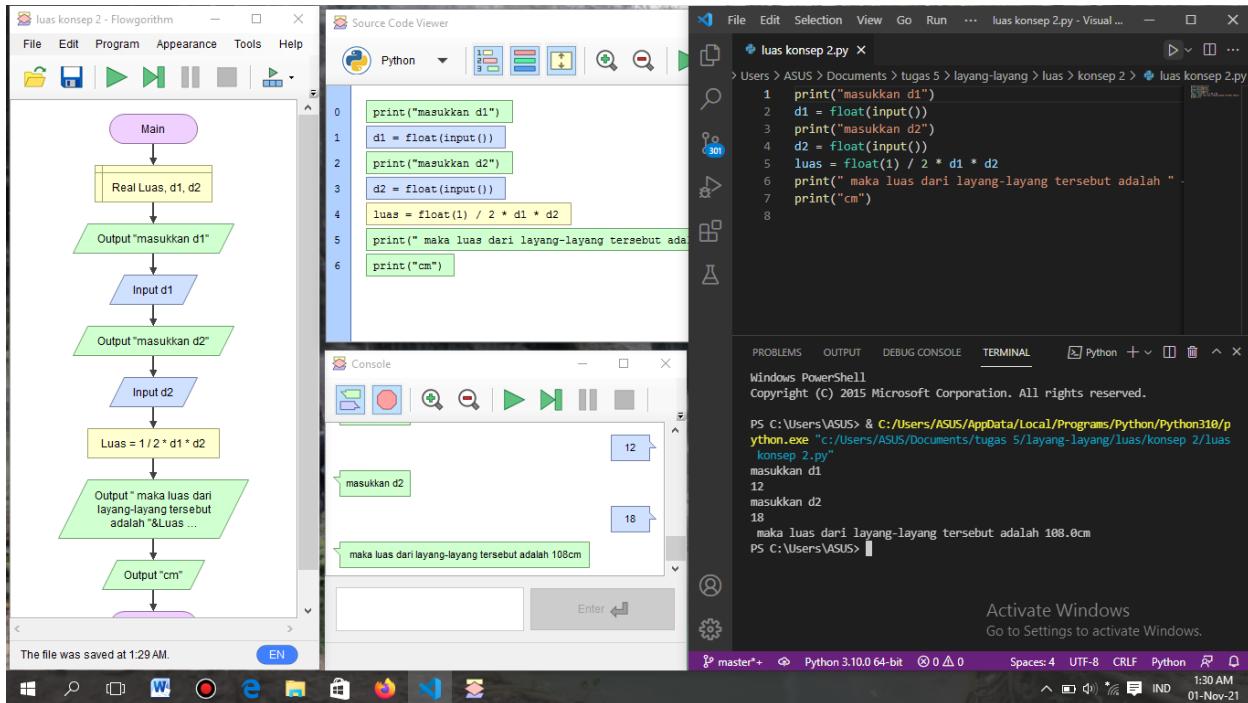
```
print("masukkan AB")
aB = float(input())
print("masukkan BC")
bC = float(input())
print("masukkan CD")
cD = float(input())
print("masukkan DA")
dA = float(input())
keliling = aB + bC + cD + dA
print(" maka keliling dari layang-layang tersebut adalah")
print("cm")
```
- Terminal window:** Titled "keliling konsep 2.py - Visual Studio Code". It shows the command "python konsep 2.py" being run, followed by the output:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/layang-layang/keliling/konsep 2\keliling/konsep 2.py"
masukkan AB
10
masukkan BC
15
masukkan CD
2
masukkan DA
8
 maka keliling dari layang-layang tersebut adalah 35.0cm
PS C:\Users\ASUS>
```

23. Luas : konsep 1



24. Luas : konsep 2



Trapesium

25. Keliling : konsep 1

The screenshot shows the Visual Studio Code interface with three panes. The left pane displays a flowchart titled "konsep 1 - Flowgorithm" with a "Main" node leading to a "Real keliling, a, b, c, d" node, which then branches into five output nodes: "Output 'a = 5 cm'", "a = 5", "Output 'b = 8 cm'", "b = 8", and "Output 'c = 4 cm'", "c = 4". These are followed by five more output nodes: "Output 'd = 6 cm'", "d = 6", "keliling = a + b + c + d", and two blank green boxes. The middle pane is a "Source Code Viewer" for "konsep 1.py" containing the following Python code:

```
print("a = 5 cm")
a = 5
print("b = 8 cm")
b = 8
print("c = 4 cm")
c = 4
print("d = 6 cm")
d = 6
keliling = a + b + c + d
print(" maka keliling dari trapesium tersebut adalah ")
print("cm")
```

The right pane is a "Console" window showing the execution results:

```
b = 8 cm
c = 4 cm
d = 6 cm
maka keliling dari trapesium tersebut adalah 23cm
```

At the bottom, the status bar shows "Activate Windows" and the date "01-Nov-21".

26. Keliling : konsep 2

The screenshot shows the Visual Studio Code interface with three panes. The left pane displays a flowchart titled "keliling konsep 2 - Flowgorithm" with a "Main" node leading to a "Real keliling, A, B, C, D" node, which then branches into four output nodes: "Output 'masukkan A'", "Input A", "Output 'masukkan B'", and "Input B". This pattern repeats for "C" and "D". The middle pane is a "Source Code Viewer" for "keliling konsep 2.py" containing the following Python code:

```
print("masukkan A")
a = float(input())
print("masukkan B")
b = float(input())
print("masukkan C")
c = float(input())
print("masukkan D")
d = float(input())
keliling = a + b + c + d
print(" maka keliling dari trapesium tersebut adalah ")
print("cm")
```

The right pane is a "Console" window showing the execution results:

```
masukkan A
5
masukkan B
8
masukkan C
4
masukkan D
6
maka keliling dari trapesium tersebut adalah 23cm
```

At the bottom, the status bar shows "Activate Windows" and the date "31-Oct-21".

27. Luas : konsep 1

The screenshot shows a software interface with three main windows:

- Flowchart Window:** Titled "konsep 1 luas - Flowgorithm". It contains a flowchart with the following steps:
 - Main
 - Real Luas, a, b, t
 - Output "sisi a = 8 cm"
 - a = 8
 - Output "sisi b = 2 cm"
 - b = 2
 - Output "tinggi = 5 cm"
 - t = 5
 - Luas = $(a+b) * t / 2$
 - Output " maka luas dari trapesium tersebut adalah "&
- Source Code Viewer:** Titled "Source Code Viewer". It shows Python code corresponding to the flowchart:

```
0 print("sisi a = 8 cm")
1 a = 8
2 print("sisi b = 2 cm")
3 b = 2
4 print("tinggi = 5 cm")
5 t = 5
6 luas = (a + b) * t / 2
7 print(" maka luas dari trapesium tersebut adalah " + str(luas))
8 print("cm")
```
- Console Window:** Titled "Console". It shows the output of running the Python script:

```
sisi a = 8 cm
sisi b = 2 cm
tinggi = 5 cm
maka luas dari trapesium tersebut adalah 25.0cm
```

28. Luas : konsep 2

The screenshot shows a software interface with three main windows:

- Flowchart Window:** Titled "luas konsep 2 - Flowgorithm". It contains a flowchart with the following steps:
 - Main
 - Real Luas, a, b, t
 - Output "masukkan a"
 - Input a
 - Output "masukkan b"
 - Input b
 - Output "masukkan t"
 - Input t
 - Luas = $(a+b) * t / 2$
 - Output " maka luas dari trapesium tersebut adalah "&
- Source Code Viewer:** Titled "Source Code Viewer". It shows Python code corresponding to the flowchart:

```
0 print("masukkan a")
1 a = float(input())
2 print("masukkan b")
3 b = float(input())
4 print("masukkan t")
5 t = float(input())
6 luas = (a + b) / 2 * t
7 print(" maka luas dari trapesium tersebut adalah " + str(luas))
8 print("cm")
```
- Console Window:** Titled "Console". It shows the output of running the Python script with user input:

```
masukkan a
2
masukkan b
5
masukkan t
5
maka luas dari trapesium tersebut adalah 25.0cm
```

Lingkaran

29. Keliling : konsep 1

The screenshot shows a Windows desktop with three open windows:

- Flowgorithm:** A flowchart titled "konsep 1 - Flowgorithm" illustrating a program to calculate the circumference of a circle. It starts with a Main block, followed by a Real keliling, phi, r block. Then it outputs "phi = 3.14", sets phi to 3.14, outputs "r = 7 cm", sets r to 7, calculates keliling = 2 * phi * r, outputs the formula "maka keliling dari lingkaran tersebut adalah & keliling ...", and finally outputs "cm".
- Source Code Viewer:** A Python code editor showing the source code for "konsep 1.py". The code prints the value of pi (3.14), sets phi to 3.14, prints the radius (7 cm), sets r to 7, calculates the circumference (keliling = 2 * phi * r), prints the formula ("maka keliling dari lingkaran tersebut adalah"), and prints "cm".
- Visual Studio Code:** A terminal window titled "konsep 1.py - Visual Studio Code" showing the execution of the Python script. The output in the terminal is:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/lingkaran/keliling/konsep 1.py"
phi = 3.14
r = 7 cm
maka keliling dari lingkaran tersebut adalah 43.96cm
PS C:\Users\ASUS>
```

30. Keliling : konsep 2

The screenshot shows a Windows desktop with three open windows:

- Flowgorithm:** A flowchart titled "keliling konsep 2 - Flowgorithm" illustrating a program to calculate the circumference of a circle. It starts with a Main block, followed by a Real keliling, phi, r block. Then it outputs "masukkan phi", inputs phi, outputs "masukkan r", inputs r, calculates keliling = 2 * phi * r, outputs the formula ("maka keliling dari lingkaran tersebut adalah & keliling ..."), and finally outputs "cm".
- Source Code Viewer:** A Python code editor showing the source code for "keliling konsep 2.py". The code prints "masukkan phi", reads phi as a float, prints "masukkan r", reads r as a float, calculates keliling = 2 * phi * r, prints the formula ("maka keliling dari lingkaran tersebut adalah"), and prints "cm".
- Visual Studio Code:** A terminal window titled "keliling konsep 2.py - Visual Studio Code" showing the execution of the Python script. The user inputs 3.14 for phi and 7 for r. The output in the terminal is:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/tugas 5/lingkaran/keliling/konsep 2.py"
masukkan phi
3.14
masukkan r
7
maka keliling dari lingkaran tersebut adalah 43.96cm
PS C:\Users\ASUS>
```

31. Luas : konsep 1

The screenshot shows a software interface with three main windows:

- Flowchart Window:** Titled "konsep 1 luas - Flowgorithm". It contains a flowchart with the following steps:
 - Main
 - Real Luas, phi, r
 - Output "phi = 3.14"
 - phi = 3.14
 - Output "r = 7 cm"
 - r = 7
 - Output "r = 7 cm"
 - r = 7
 - Luas = phi * r * r
 - Output " maka luas dari lingkaran tersebut adalah "& Luas
- Source Code Viewer:** Titled "Source Code Viewer". It shows Python code corresponding to the flowchart:


```

1 print("phi = 3.14 ")
2 phi = 3.14
3 print("r = 7 cm")
4 r = 7
5 print("r = 7 cm")
6 r = 7
7 luas = phi * r * r
8 print(" maka luas dari lingkaran tersebut adalah " + str(luas))
9 print("cm")

```
- Console Window:** Titled "Console". It shows the output of running the script:


```

phi = 3.14
r = 7 cm
r = 7 cm
maka luas dari lingkaran tersebut adalah 153.86cm

```

32. Luas : konsep 2

The screenshot shows a software interface with three main windows:

- Flowchart Window:** Titled "luas konsep 2 - Flowgorithm". It contains a flowchart with the following steps:
 - Main
 - Real Luas, phi, r
 - Output "masukkan phi"
 - Input phi
 - Output "masukkan r"
 - Input r
 - Output "masukkan r"
 - Input r
 - Luas = phi * r * r
 - Output " maka luas dari lingkaran tersebut adalah "& Luas
- Source Code Viewer:** Titled "Source Code Viewer". It shows Python code corresponding to the flowchart:


```

1 print("masukkan phi")
2 phi = float(input())
3 print("masukkan r")
4 r = float(input())
5 print("masukkan r")
6 r = float(input())
7 luas = phi * r * r
8 print(" maka luas dari lingkaran tersebut adalah " + str(luas))
9 print("cm")

```
- Console Window:** Titled "Console". It shows the output of running the script after entering values for phi and r:


```

masukkan r
7
masukkan phi
3.14
masukkan r
7
maka luas dari lingkaran tersebut adalah 153.86cm

```