

IMPLEMENTASI

1. Source Code

```
#Create method question
def question():
    #Showing list of question
    print("\nTry again? :")
    print("1. Yes, try again \n2. No, don't try again")
    print("Please choose one from option above? \nWarning:(Please
input 1 or 2)")

    #User input choice then store to variable try_again
    try_again = int(input("Your choice : "))

    """
    -) If user choice 1. Yes, try again -> So program volume
calculator will running again.
    -) if user choice 2. No, try again -> So program volume
calculator will ended.
    -) And Besides that, method question will stay running until
user input 1. Yes, try again or 2. No, try again.
    """

    #Conditioning question
    if (try_again == 1):
        #Running method volume calculator
        volumeCalculator()
    elif (try_again == 2):
        #Program volume calculator will ended and print the text
        print("Thanks for using my program :)\n")
    else:
        question()

#Create method volume calculator
def volumeCalculator():
    #Showing list option for volume calculator
    print("\nOption volume calculator :")
    print("1. Cube \n2. Block")
    print("Please choose one from option above? \nWarning:(Please
input 1 or 2)")

    #User input choice then store to variable geometry
    geometry = int(input("Your choice : "))

    """
    -) If user choice 1. Cube -> So program will running for volume
cube calculator.
    -) If user choice 2. Block -> So program will running for volume
block calculator.
    -) And besides that, method volume calculator will stay running
until user input 1. Cube or 2. Block.
    """
```

```

#Conditioning volume calculator
if (geometry == 1):
    #User input length cube then store to variable length cube
    length_cube = int(input("\nEnter the length cube \t : "))

    cube_volume = length_cube**3

    print("\nCube volume with, \nLength \t\t = {} \nCube volume
\t = {}\n".format(length_cube, cube_volume))

    input("Press enter to continue...")

    question()
elif (geometry == 2):
    #User input length, width and height block then store to
variable
    length_block = int(input("\nEnter the length block \t : "))
    width_block = int(input("Enter the width block \t : "))
    height_block = int(input("Enter the height block \t : "))

    block_volume = length_block * width_block * height_block

    print("\nBlock volume with, \nLength \t\t = {} \nWidth \t\t
= {} \nHeight \t\t = {} \nBlock volume \t =
{}\n".format(length_block, width_block, height_block, block_volume))

    input("Press enter to continue...")

    question()
else :
    print("\nError : Volume calculator not registered! :(")
    print("Please try again.\n")

    input("Press enter to continue...")

    volumeCalculator()

#Running the method
volumeCalculator()

```

2. Hasil

```
MINGW64:/e/Arif's_/2-Kuliah/Rentetan Ospek/Rentetan Ospek - Tugas Python
Arriz2401@DESKTOP-VGE3PLF MINGW64 /e/Arif's_/2-Kuliah/Rentetan Ospek/Rentetan Ospek - Tugas Python
$ python main.py

Option volume calculator :
1. Cube
2. Block
Please choose one from option above?
Warning:(Please input 1 or 2)
Your choice : 3

Error : Volume calculator not registered! :(
Please try again.

Press enter to continue...

Option volume calculator :
1. Cube
2. Block
Please choose one from option above?
Warning:(Please input 1 or 2)
Your choice : 1

Enter the length cube : 5

Cube volume with,
Length = 5
Cube volume = 125

Press enter to continue...

Try again? :
1. Yes, try again
2. No, don't try again
Please choose one from option above?
Warning:(Please input 1 or 2)
Your choice : 1

Option volume calculator :
1. Cube
2. Block
Please choose one from option above?
Warning:(Please input 1 or 2)
Your choice : 2

Enter the length block : 10
Enter the width block : 5
Enter the height block : 8

Block volume with,
Length = 10
Width = 5
Height = 8
Block volume = 400

Press enter to continue...

Try again? :
1. Yes, try again
2. No, don't try again
Please choose one from option above?
Warning:(Please input 1 or 2)
Your choice : 3

Error : Invalid input! :(
Please try again.

Try again? :
1. Yes, try again
2. No, don't try again
Please choose one from option above?
Warning:(Please input 1 or 2)
Your choice : 2

Thanks for using my program :)

Arriz2401@DESKTOP-VGE3PLF MINGW64 /e/Arif's_/2-Kuliah/Rentetan Ospek/Rentetan Ospek - Tugas Python
$
```

3. Penjelasan Program

Program ini digunakan untuk menghitung volume kubus dan balok saja. Kedepannya insya allah akan saya kembangkan.