

The screenshot shows a Python code editor interface with the following details:

- Top Bar:** Includes icons for file operations (New, Open, Save), undo/redo, search, and settings, along with tabs for "Introduction to Python" and "Version Control".
- Project Explorer:** Shows a project named "Introduction to Python" located at "C:\KiiT University". It contains two files: "AreaOfCircle.py" and "main.py".
- Code Editor:** The active file is "AreaOfCircle.py" with the following content:

```
1 # Compute area of circle:
2
3 PI = 3.14
4
5 radius = float(input("Enter the radius of the circle: "))
6 AreaOfCircle = PI * radius * radius
7
8 print("The area of the circle is", AreaOfCircle)
9
```
- Run Tab:** Shows the command used to run the script: "C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semester 1\Introduction to Python\AreaOfCircle.py"".
- Output Tab:** Displays the program's output:

```
Enter the radius of the circle: 12
The area of the circle is 452.15999999999997
Process finished with exit code 0
```
- Bottom Status Bar:** Provides system information: "2:1 CRLF UTF-8 4 spaces Python 3.14", weather (16°C, Clear), system icons (Windows, Search, File Explorer, Google Chrome, DEV, VS Code, Task View, Google Sheets), language (ENG IN), connectivity (Wi-Fi, Battery), and date/time ("07-01-2026").

The screenshot shows a Python code editor interface with the following details:

- Project Explorer:** Shows a project named "Introduction to Python" located at "C:\KiiT University". Inside the project, there are several files: AreaOfCircle.py, AreaPerimeter.py (selected), AverageOfNumbers.py, CompoundInterest.py, main.py, SimpleInterest.py, External Libraries, and Scratches and Consoles.
- Code Editor:** The current file is "AreaPerimeter.py". The code calculates the area and perimeter of a rectangle based on user input for length and width.

```
1 # Find the Area and Perimeter of a Rectangle using Python.
2
3 length = float(input("Enter the length of the rectangle: "))
4 width = float(input("Enter the width of the rectangle: "))
5
6 area = length * width
7 perimeter = 2 * (length + width)
8
9 print(f"The perimeter of the rectangle is {perimeter}")
10 print(f"The area of the rectangle is {area})")
11
```

- Terminal:** The terminal window shows the execution of the script and its output. The user enters 12 for length and 15 for width. The script then prints the perimeter (54.0) and area (180.0) of the rectangle.

```
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semester 1\Introduction to Python\AreaPerimeter.py"
Enter the length of the rectangle: 12
Enter the width of the rectangle: 15
The perimeter of the rectangle is 54.0
The area of the rectangle is 180.0
```

- Status Bar:** The status bar at the bottom provides information about the file (Introduction to Python > AreaPerimeter.py), encoding (CRLF), character set (UTF-8), and other settings (4 spaces, Python 3.14).
- System Tray:** The system tray at the bottom right shows the date (07-01-2026), time (21:36), battery level, signal strength, and language (ENG IN).

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- Project Explorer:** Shows a project named "Introduction to Python" located at "C:\KiiT University". Inside the project, there are several files: AreaOfCircle.py, AreaPerimeter.py, AverageOfNumbers.py, CompoundInterest.py, main.py, and SimpleInterest.py. The "SimpleInterest.py" file is currently selected.
- Code Editor:** Displays the content of the SimpleInterest.py file. The code calculates simple interest using the formula: $\text{SimpleInterest} = \text{principleAmount} * \text{rate} / \text{time}$. It prompts the user for the principal amount, rate, and time, and then prints the result.
- Terminal:** Shows the output of running the script. The user inputs 10000 for the principal amount, 21 for the rate, and 43 for the time. The output is 4883.720930232558.
- Status Bar:** At the bottom, it shows the file path "Introduction to Python > SimpleInterest.py", encoding "UTF-8", and Python version "Python 3.14".
- System Tray:** At the very bottom, it shows system icons for battery, signal, and date/time (07-01-2026).

```
1 # Find simple interest using Python.
2
3 principleAmount = float(input("Enter the principal amount: "))
4 rate = float(input("Enter the rate: "))
5 time = float(input("Enter the time: "))
6
7 SimpleInterest = principleAmount * rate / time
8
9 print("The simple interest is", SimpleInterest)
10
```

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface running on a Windows operating system. The code editor displays a Python script named `CompoundInterest.py` which calculates compound interest based on user input for principal amount, rate, and time.

Project Explorer: Shows a folder named "Introduction to Python" containing several Python files: `AreaOfCircle.py`, `AreaPerimeter.py`, `AverageOfNumbers.py`, `CompoundInterest.py` (which is currently selected), `main.py`, and `SimpleInterest.py`. It also lists "External Libraries" and "Scratches and Consoles".

Code Editor: The main area shows the following Python code:

```
1 # Find compound interest using Python.
2
3 principal = float(input("Enter the principal amount: "))
4 rate = float(input("Enter the rate amount: "))
5 time = float(input("Enter the time amount: "))
6
7 amount = principal*(pow((1 + rate / 100), time))
8 CI = amount - principal
9
10 print("Compound Interest: ", CI)
11
```

Terminal: The bottom panel shows the output of running the script:

```
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semester 1\Introduction to Python\CompoundInterest.py"
Enter the principal amount: 10000000
Enter the rate amount: 12
Enter the time amount: 11
Compound Interest: 2478549.993345518
```

Status Bar: The status bar at the bottom indicates the file path ("Introduction to Python > CompoundInterest.py"), encoding ("CRLF"), character set ("UTF-8"), indentation ("4 spaces"), Python version ("Python 3.14"), and system information including the date ("07-01-2026").

The screenshot shows a Python code editor interface with the following details:

- Project Explorer:** Shows a project named "Introduction to Python" located at "C:\KiiT University". Inside the project, there are several files: AreaOfCircle.py, AreaPerimeter.py, AverageOfNumbers.py (which is currently selected), CompoundInterest.py, main.py, SimpleInterest.py, External Libraries, and Scratches and Consoles.
- Code Editor:** Displays the content of the AverageOfNumbers.py file. The code is as follows:

```
1 # Find Average of three numbers using Python.
2
3 number = float(input("Enter the number: "))
4 number2 = float(input("Enter the number 2: "))
5 number3 = float(input("Enter the number 3: "))
6
7 average = (number + number2 + number3) / 3
8
9 print("The average is: ", average)
10
```

- Run Tab:** Shows the current run configuration is set to "CompoundInterest".
- Output Tab:** Displays the execution results of the "CompoundInterest" run. The output is:

```
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semest...
Enter the principal amount: 10000000
Enter the rate amount: 12
Enter the time amount: 11
Compound Interest: 2478549.993345518
```
- Bottom Status Bar:** Shows the file path "Introduction to Python > AverageOfNumbers.py", encoding "2:1 CRLF", character set "UTF-8", indentation "4 spaces", Python version "Python 3.14", and system status including weather (14°C), battery level (21:56), and date/time (07-01-2026).