

Practical Work 1 - Getting Started with Python

1. Check the Python Version

Run the appropriate command on your computer.

Question: What Python version is installed on your computer?

Answer: Python version: _____

2. Use Python as a calculator

Open the Python shell and try:

```
>>> 2 + 5
>>> 20 - 3
>>> 5 * 4
>>> 18 / 5
>>> 18 // 5
>>> 5 ** 4
```

3. Printing Simple Information

Open the Python shell and try:

```
>>> print("Introduction to Python")
>>> print("Engineering")
>>> print("Salam", "Alikom")
>>> print(30 - 5)
>>> print("30 - 5")
>>> print("La somme est:" , 25 + 5)
```

4. First use of variables

Open the Python shell and try:

```
>>> a = 10
>>> b = 5
>>> a
>>> b
>>> a + b
>>> print(a + b)
>>> print("a + b = ", a+b)
```

5. First Python Script

1. Create a new Python file and save it as `my_program.py` and enter the following code:

```
print ("Hello, Python!")
```

Save the file and run the program.

2. Change the program so that it displays:

```
Engineering Experiment
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Distance: 125 m
Time: 25 s
Average speed: 5 m/s
```