

Python Program Template

Libraries

```
import library
```

Global Variables/Constants

```
CONST = value
```

User Defined Functions

```
def function_name(parameters):
```

Initialize Local Variables

```
    local_var = initial_value;
```

Local Program Blocks/Statements

```
    print output statements
```

```
    read input statements
```

```
    assignment = statements
```

```
    function_calls(arguments)
```

```
    conditional blocks:
```

```
    looping blocks:
```

Return Statement

```
    return argument
```

Main Program

```
def main():
```

```
    variables = initial_value
```

```
    print output statements
```

```
    read input statements
```

```
    assignment = statements
```

```
    function_calls(arguments)
```

```
    conditional blocks:
```

```
    looping blocks:
```

Example:

```
import math          # Include Library
```

```
# Define Variables Used as Constants/Global
```

```
MESSAGE = "Hello World, I'm "
```

```
# Define my functions
```

```
def print_message(name):
```

```
    print(MESSAGE, name)
```

```
# Define main
```

```
def main():
```

```
    name = "Jennifer"
```

```
    print_message(name)
```

```
# Call main function to get program started.
```

```
main()
```