Assignment 7: Write a python to create user-defined functions with different types of function arguments

SOURCE CODE:

```
def positional_args(a, b):
   return a + b
def keyword_args(a, b, c):
    return a * b + c
def default_args(a, b=10):
    return a + b
def variable_length_args(*args):
    return sum(args)
def variable_length_kwargs(**kwargs):
    result = ""
    for key, value in kwargs.items():
        result += f"{key}: {value}\n"
    return result
def main():
    print("Positional Arguments:")
    print(positional_args(5, 3)) # Output: 8
```

OUTPUT:

```
Output
Positional Arguments:
Keyword Arguments:
10
Default Arguments:
15
25
Variable-Length Arguments (*args):
15
Variable-Length Keyword Arguments (**kwargs):
name: Alice
age: 30
city: Wonderland
=== Code Execution Successful ===
```