**Task 1 : Identify the errors and rectify the code**

**Corrected code:**

def reverse\_string(s):

reversed\_str = ""

for i in range(len(s) - 1, -1, -1):

reversed\_str += s[i]

return reversed\_str

def main():

input\_string = "Hello, world!"

reversed\_string = reverse\_string(input\_string)

print(f"Reversed string: {reversed\_string}")

if \_\_name\_\_ == "\_\_main\_\_":

main()

**Explanation:**

1. Indentation: Corrected the indentation of the `reverse\_string` function and the `main` function. Python relies on proper indentation to define blocks of code

2. Variable Naming: Renamed the variable `reversed` to `reversed\_str`. It's not recommended to use the name of a built-in function (`reversed`) for a variable as it may lead to confusion.

3. Corrected the `if \_\_name\_\_ == "\_\_main\_\_":` block. The underscores in `\_\_name\_\_` and `\_\_main\_\_` were mistakenly written using lowercase letters. They should be uppercase.