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Jupyter Untitled19 Last Checkpoint: 11 minutes ago

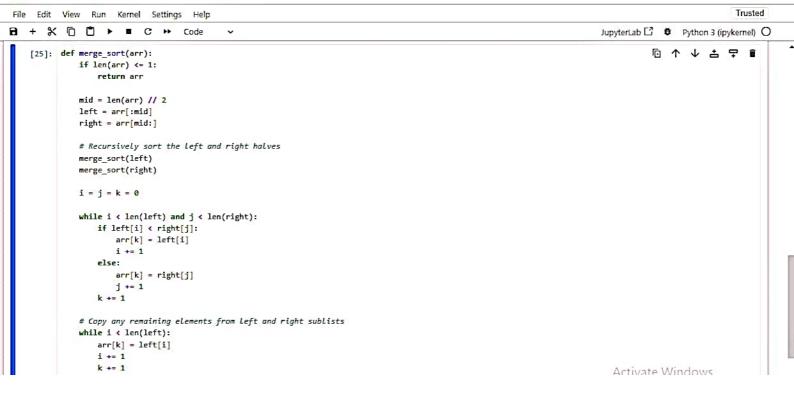
```
[10]: def get_age():
    age = input("Please enter your age: ")
    if age.isnumeric() and int(age) >= 18:
        return int(age)
    else:
        return None

def main():
    age = get_age()
    if age is not None:
        print(f"You are (age) years old and eligible.")
    else:
        print("Invalid input. You must be at least 18 years old.")

if __name__ == "__main__":
    main()

Please enter your age: 18
You are 18 years old and eligible.
Activate Windows
Go to Settings to activate Windows
```

```
[22]: def read_and_write_file(filename):
                                                                                                                                              回个少古早會
           try:
              # Open the file for reading
with open('C:/Users/SONY/Desktop/New folder/about_ai.txt','r') as file:
                   content = file.read()
               # Open the file for writing with open(filename, 'w') as file:
                   # Convert content to uppercase before writing
                   file.write(content.upper())
               # Print success message
               print(f"File '{filename}' processed successfully.")
           except Exception as e:
               # Print error message if an exception occurs
               print(f"An error occurred: {str(e)}")
       def main():
           filename = "about_ai.txt"
           read_and_write_file(filename)
       if __name__ == "__main__":
          main()
                                                                                                                                     Activate Windows
       File 'about_ai.txt' processed successfully.
```



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```
# Copy any remaining elements from left and right sublists
while i < len(left):
    arr[k] = left[i]
    i += 1
    k += 1

while j < len(right):
    arr[k] = right[j]
    j += 1
    k += 1

arr=[38,27,43,3,9,82,10]
merge_sort(arr)
print(f"The sorted array is:[arr]")

The sorted array is:[3, 9, 10, 27, 38, 43, 82]
```