**COMP3315 Lab3: MIPS Sorting**

31.10.2023

**Number and Name:**

1. **Object**: MIPS Sorting

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Description automatically generated

int main() {

int i, j, temp;

int arr[10] = {8, 1, 4, 5, 6, 3, 2, 8, 7, 0};

for (i = 0; i < 9; i++) {

for (j = i + 1; j < 10; j++) {

if (arr[i] < arr[j]) {

temp = arr[i];

arr[i] = arr[j];

arr[j] = temp;

}

}

}

for (i = 0; i < 10; i++) {

printf("%d ", arr[i]);

}

return 0;

}

A close-up of a text

Description automatically generated