

CMPT 125 Quiz - October 2, 2018

Name: _____

SFU ID: _____

```
// assumption: arr has at least n elements
int fun(int arr[], int n) {
    if (n == 0)
        return 0;
    else
        return arr[n-1] + fun(arr, n-1);
}
```

Q1. [recursion] Explain the functionality of the function fun().

Q2. Use the big-O notation to express the running time of fun() as a function of n.