

# Zachary Sy

## Lecture 5

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### Problem 1

#### Part 1

```
void * floatArr = malloc(floatArrSize*sizeof(float))
```

#### Part 2

```
long unsigned int Allocates the entire memory address
```

### Problem 2

```
long unsigned int doubleSize = 10;  
void* voidPtr = malloc(doubleSize*sizeof(double))  
double* doublePtr = (double*)malloc(doubleSize*sizeof(double))  
double* doubleNew = new double[doubleSize]
```

### Problem 3

```
std::cout << (void *)&dblArray;  
std::cout << dblArray;  
std::cout << (dblArray+1);  
std::cout << dblArray[5];
```