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Lab 9

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Implement

Function

```
FFT of x
    3.6742 + 0.0000i
    2.4495 - 3.5355i
   -1.2247 - 2.8284i
   -3.6742 + 0.0000i
   -1.2247 + 2.8284i
    2.4495 + 3.5355i
```

```
Inverse FFT of x
    3.6742 + 0.0000i
    2.4495 + 3.5355i
   -1.2247 + 2.8284i
   -3.6742 - 0.0000i
   -1.2247 - 2.8284i
    2.4495 - 3.5355i
```

```
Built in FFT
    3.6742 + 0.0000i
    2.4495 - 3.5355i
   -1.2247 - 2.8284i
   -3.6742 + 0.0000i
   -1.2247 + 2.8284i
    2.4495 + 3.5355i
```

My FFT gives the same answer as the built in function. But the built in function doesn't require x to be even in length.

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