

EE319K Lecture 8 in class worksheet

Question 1a. What will be the value of the overflow (V) bit after executing the following?

```
ldaa #-100  
adda #50
```

Question 1b. What will be the value of the carry (C) bit after executing the following?

```
ldaa #156  
adda #50
```

Question 2a. What will be the value of the overflow (V) bit after executing the following?

```
ldaa #-100  
adda #-50
```

Question 2b. What will be the value of the carry (C) bit after executing the following?

```
ldaa #156  
adda #206
```

Question 3. What will be the value of the carry (C) bit after executing the following?

```
ldab #210  
subb #60
```

Question 4. What will be the value of the overflow (V) bit after executing the following?

```
ldaa #-70  
suba #-60
```