LO: Journalize additional transactions by applying the rules of debit and credit to additional business events

* Journalize sales transactions both for cash and on account.

1.  Core Fitness sells a membership to a customer for $100 and receives cash. When a business provides a service to a customer, the customer may immediately pay with cash.

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| **Date** | **Account** |  | **Debit** | **Credit** |  |  |  |  |  |  |  |
| 6/1 | Cash |  | 100 |  | ▲ *Cash* is an **asset** account that is **increasing**. | | | | | | |
|  | Fees Earned |  |  | 100 | ▲ *Fees Earned* is a **revenue** account that is **increasing**. | | | | | | |
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2.  Core Fitness provides a servicesells a membership to Maya and sends her an invoice for $200. Maya purchased a membership but has not paid for it yet.  Therefore Core Fitness does not receive cash and the company’s Accounts Receivable increases.

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| **Date** | **Account** |  | **Debit** | **Credit** |  |  |  |  |  |  |  |
| 6/1 | Accounts Receivable |  | 200 |  | ▲ *Accounts Receivable* is an **asset** account that is **increasing**. | | | | | | |
|  | Fees Earned |  |  | 200 | ▲ *Fees Earned* is a **revenue** account that is **increasing**. | | | | | | |
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*Accounts Receivable* is an asset account that keeps track of how much customers owe because a business sent them invoices for goods or services rather than immediately receiving cash from them. This account is used as a substitute for a debit to *Cash* when a company provides services to customers and bills them **on account** rather than receiving cash right away. The expectation is that the customer will pay within a specified time period, usually 30 days.

3.  Core Fitness receives payment on account from Maya who had been invoiced for the membership sold to her on 6/1.

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| **Date** | **Account** |  | **Debit** | **Credit** |  |  |  |  |  |  |  |
| 6/30 | Cash |  | 200 |  | ▲ *Cash* is an **asset** account that is **increasing**. | | | | | | |
|  | Accounts Receivable |  |  | 200 | ▼ *Accounts Receivable* is an **asset** account that is **decreasing**. | | | | | | |
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Maya pays the invoice and the Core Fitness receives the cash payment, *Cash* is debited and *Accounts Receivable* is credited. Fitness’s *Accounts Receivable* balance becomes zero now that he Maya has paid in full. This is shown in the following *Accounts Receivable* ledger where transactions #2 and #3 are posted.

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| --- | --- | --- | --- | --- | --- |
| LEDGER | | | | | |
|  | | | | | |
| Accounts Receivable | | | | | |
| **Date** | **Item** | **Debit** | **Credit** | **Debit** | **Credit** |
| 6/1 |  | 200 |  | 200 |  |
| 6/30 |  |  | 200 | 0 |  |
|  |  |  |  |  |  |

## Interactive Exercise 8 – Sales transactions on account

Instructions:  1. Journalize the following two transactions.  
                        2. Answer the question after the journal entries.

1.  6/1 A company provides a service and sends the customer an invoice for $1,400.  
2.  6/30 The company receives payment on account from the customer who had been invoiced on 6/1.

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| **Date** | **Account** |  | **Debit** | **Credit** |
| 6/1 |  |  |  |  |
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|  |  |  |  |  |
| 6/30 |  |  |  |  |  |
|  |  |  |  |  |  |
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Question: What is the debit balance in the Accounts Receivable account after the 6/30 transaction is posted?  $ \_\_\_\_\_\_\_\_

*[Hint:* An asset other than Cash is used to record the original sale transaction. When the cash is received, that asset’s balance is set back to zero.]

*[ANSWER KEY]*

1.  6/1 A company provides a service and sends the customer an invoice for $1,430.  
2.  6/30 The company receives payment on account from the customer who had been invoiced on 6/1.

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| **Date** | **Account** |  | **Debit** | **Credit** |  |  |  |  |  |  |  |
| 6/1 | Accounts Receivable |  | 1,430 |  |  | | | | | | |
|  | Fees Earned |  |  | 1,430 |  | | | | | | |
|  |  |  |  |  |  | | | | | | |
| 6/30 | Cash |  | 1,430 |  |  |  | | | | | | |
|  | Accounts Receivable |  |  | 1,430 |  |  | | | | | | |
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*Answer:* What is the debit balance in the Accounts Receivable account after the 6/30 transaction is posted?  $\_\_\_\_0\_\_\_\_