//The input values are in bold
//Sample Run \#1:

| Category | Allocated | Spent | over/under |
| :---: | :---: | :---: | :---: |
| 1. Housing | 500.00 | 0.00 | 500.00 |
| 2. Utilities | 150.00 | 0.00 | 150.00 |
| 3. Transportation | 50.00 | 0.00 | 50.00 |
| 4. Food | 250.00 | 0.00 | 250.00 |
| 5. Entertainment | 150.00 | 0.00 | 150.00 |
| 6. Miscellaneous | 50.00 | 0.00 | 50.00 |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
| 1 |  |  |  |
| Please enter the amount to add to that category: 500 |  |  |  |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
| 4 |  |  |  |
| Please enter the amount to add to that category: 200 |  |  |  |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
|  |  |  |  |
| Please enter the amount to add to that category: 25 |  |  |  |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
| 5 |  |  |  |
| Please enter the amount to add to that category: 150 |  |  |  |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
|  |  |  |  |
| Category | Allocated | Spent | over/under |
| 1. Housing | 500.00 | 500.00 | 0.00 |
| 2. Utilities | 150.00 | 0.00 | 150.00 |
| 3. Transportation | 50.00 | 0.00 | 50.00 |
| 4. Food | 250.00 | 200.00 | 50.00 |
| 5. Entertainment | 150.00 | 175.00 | -25.00 |
| 6. Miscellaneous | 50.00 | 0.00 | 50.00 |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
| 2 |  |  |  |
| Please enter the amount to add to that category: 140 |  |  |  |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
|  |  |  |  |


| Category | Allocated | Spent | over/under |
| :---: | :---: | :---: | :---: |
| 1. Housing | 500.00 | 500.00 | 0.00 |
| 2. Utilities | 150.00 | 140.00 | 10.00 |
| 3. Transportation | 50.00 | 0.00 | 50.00 |
| 4. Food | 250.00 | 200.00 | 50.00 |
| 5. Entertainment | 150.00 | 175.00 | -25.00 |
| 6. Miscellaneous | 50.00 | 0.00 | 50.00 |
| ```Enter the number of a category to record money spent 7 to display the table or 8 to quit. 8 For the month you are under budget by $135.00``` |  |  |  |
|  |  |  |  |
| //Sample Run \#2: |  |  |  |
| Category | Allocated | Spent | over/under |
| 1. Housing | 500.00 | 0.00 | 500.00 |
| 2. Utilities | 150.00 | 0.00 | 150.00 |
| 3. Transportation | 50.00 | 0.00 | 50.00 |
| 4. Food | 250.00 | 0.00 | 250.00 |
| 5. Entertainment | 150.00 | 0.00 | 150.00 |
| 6. Miscellaneous | 50.00 | 0.00 | 50.00 |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
| $1$ |  |  |  |
| Please enter the amount to add to that category: 1000 |  |  |  |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
| 6 |  |  |  |
| Please enter the amount to add to that category: 450.75 |  |  |  |
| Enter the number of a category to record money spent or |  |  |  |
| 7 to display the table or |  |  |  |
| 8 to quit. |  |  |  |
| 8 |  |  |  |
| For the month you are over budget by $\$ 300.75$ |  |  |  |

