|  |  |
| --- | --- |
|  | |
| Inputs: |  |
| tendered |  |
| cost |  |
|  |  |
| Outputs: |  |
| $100 bills |  |
| $50 bills |  |
| $10 bills |  |
| $5 bills |  |
| $1 bills |  |
|  |  |
| Processing steps: change |  |
|  |  |
| Enter cost. | cost = int( input( “Gimme the cost in $” ) ) |
| Enter tendered. | tendered = int( input( “Gimme the amount rec’d. in $” ) ) |
|  |  |
| Calculate change as the difference between tendered and cost. | change = tendered - cost |
| Display change. | print( “Total change will be $”, change, “.”, sep=”” ) |
| Calculate $100 bills as change / 100. | hundreds = change // 100 |
| Display $100 bills. | print( “$100 bills: “, hundreds, sep =”” ) |
| Adjust change by subtracting $100 bills X 100. | change = change – hundreds \* 100 |
|  | change = change % 100 |
|  | change %= 100 |
| Calculate $50 bills as change / 50. |  |
| Adjust change by subtracting $50 bills X 50. |  |
| Display $50 bills. |  |
|  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| tendered | cost | $100 bills | $50 bills | change | $10 bills | $5 bills | $1 bills |
| 500 | 133 | 3 | 1 | ~~367~~ ~~67~~ ~~17 7~~ 2 | 1 | 1 | 2 |