

Output In TCL Console

```
# run 1000ns
```

```
[0] No TEST_NAME provided (+TEST_NAME=<name>)
```

```
testname=
```

```
No valid TEST_NAME specified. Running default: directed_test()
```

```
Running directed_test
```

```
*****
```

```
Item No: 1 | Value: 22 | Count: 2 | Total: 44 | Change: 1
```

```
Set Items: 2
```

```
Input Total Money: 45
```

```
Driving Note Interface: 20
```

```
Driving Note Interface: 20
```

```
Driving Note Interface: 5
```

```
Output: Item 1 Dispensed | Count: 2 | Change: 1
```

```
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```

```
*****
```

```
Item No: 5 | Value: 48 | Count: 2 | Total: 96 | Change: 1
```

```
Set Items: 2
```

```
Input Total Money: 97
```

```
Driving Note Interface: 20
```

```
Driving Note Interface: 20
```

```
Driving Note Interface: 20
```

```
Driving Note Interface: 20
```

```
Driving Note Interface: 10
```

```
Driving Note Interface: 5
```

```
Driving Note Interface: 2
```

```
Output: Item 5 Dispensed | Count: 2 | Change: 1
```

```
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```

Item No: 3 | Value: 55 | Count: 1 | Total: 55 | Change: 0

Set Items: 1

Input Total Money: 55

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 10

Driving Note Interface: 5

Output: Item 3 Dispensed | Count: 1 | Change: 0

Item No: 4 | Value: 51 | Count: 7 | Total: 357 | Change: 0

Set Items: 7

Input Total Money: 357

Driving Note Interface: 20

Driving Note Interface: 20

INFO: [USF-XSim-96] XSim completed. Design snapshot 'vending_machine_top_tb_behav' loaded.

INFO: [USF-XSim-97] XSim simulation ran for 1000ns

launch_simulation: Time (s): cpu = 00:00:09 ; elapsed = 00:00:14 . Memory (MB): peak = 3906.684 ;
gain = 0.000

run 100 us

Driving Note Interface: 20

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Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 10

Driving Note Interface: 5

Driving Note Interface: 2

Output: Item 4 Dispensed | Count: 7 | Change: 0

Item No: 7 | Value: 8 | Count: 8 | Total: 64 | Change: 1

Set Items: 8

Input Total Money: 65

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 5

Output: Item 7 Dispensed | Count: 8 | Change: 1

Item No: 0 | Value: 11 | Count: 1 | Total: 11 | Change: 1

Set Items: 1

Input Total Money: 12

Driving Note Interface: 10

Driving Note Interface: 2

Item No: 2 | Value: 35 | Count: 3 | Total: 105 | Change: 5

Set Items: 3

Input Total Money: 110

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 20

Driving Note Interface: 10

Output: Item 2 Dispensed | Count: 3 | Change: 5

Item No: 6 | Value: 36 | Count: 1 | Total: 36 | Change: 1

Set Items: 1

Input Total Money: 37

Driving Note Interface: 20

Driving Note Interface: 10

Driving Note Interface: 5

Driving Note Interface: 2

Output: Item 6 Dispensed | Count: 1 | Change: 1

\$finish called at time : 2330 ns