

| ID | First name | Score | Store | Decorator | TaxCalc | Remarks |
|------------|------------|-------|-------|-----------|---------|---|
| | | | 5 | 5 | 5 | |
| 5410545044 | Waranyu | 26.7 | 4 | 0 | 0 | S1, D0, D1 |
| 5410545052 | Supayut | 50 | 4 | 3.5 | 0 | S1, D2, D3 |
| 5410546334 | Wasin | 30 | 4.5 | 0 | 0 | S2, S4, D1, D2, D3, GetOneFreeLineItem has syntax error in constructor. getDescription not correct. T1. |
| 5410546393 | Akkarawit | 13.3 | 2 | 0 | 0 | S1, S3, Decorator incorrect |
| 5410547594 | Nachanok | 0 | 0 | 0 | 0 | T1. Store not a singleton. GetOneFreeLineItem not decorator. Code is nonsense. |
| 5610545013 | Niti | 0 | 0 | 0 | 0 | No Singleton; Decorator must extend LineItem. |
| 5610545048 | Tanatorn | 33.3 | 5 | 0 | 0 | Decorator must extend LineItem, D2, D3, D4 |
| 5610545668 | Nathakorn | 20 | 0 | 3 | 0 | GetOneFree constructor incorrect, D2, D4 |
| 5610545676 | Nut | 93.3 | 5 | 4 | 5 | D1, D2, In Tax.getTax() parameter should be Sale. |
| 5610545684 | Nichamon | 53.3 | 1 | 4 | 3 | D2, D4, getInstance() always creates new Store. |
| 5610545692 | Thanachote | 86.7 | 5 | 3 | 5 | D1, D2, D3. Good TaxAdapter. |
| 5610545706 | Nara | 26.7 | 0 | 4 | 0 | D1, D4 |
| 5610545714 | Patawat | 30 | 0 | 4.5 | 0 | D2 |
| 5610545722 | Punpikorn | 96.7 | 5 | 4.5 | 5 | Very good, except D3 (should divide by n+1). |
| 5610545731 | Piyaphat | 56.7 | 5 | 3.5 | 0 | D2, D3 |
| 5610545749 | Pongsachon | 93.3 | 5 | 4 | 5 | Very good! Except D1, D2. |
| 5610545757 | Manatsawin | 100 | 5 | 5 | 5 | |
| 5610545765 | Muninthorn | 56.7 | 5 | 3.5 | 0 | D1, D2, D4. |
| 5610545781 | Runyasak | 46.7 | 3 | 4 | 0 | S1, S2, S4. D1, D2 |
| 5610545803 | Wuttipong | 46.7 | 3 | 4 | 0 | S1, S2, D2, D4 |
| 5610545811 | Sorrawit | 80 | 4 | 4.5 | 3.5 | S1, D2 |
| 5610546222 | Chonnipa | 93.3 | 5 | 4 | 5 | D1, D2 |
| 5610546231 | Chinnaporn | 93.3 | 5 | 4 | 5 | D1, D2. In adapter the param to getTax should be List<LineItem>. Don't cast. |

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| 5610546257 | Natchanon | 76.7 | 3 | 3.5 | 5 | S2, S4, D1,D2, D4 |
| 5610546281 | Perawith | 43.3 | 3 | 3.5 | 0 | S2, S4, D1, D2, D4, Poor coding style. |
| 5610546290 | Worapon | 86.7 | 5 | 3 | 5 | D1, D2, D3 |
| 5610546681 | Kittinan | 20 | 0 | 3 | 0 | D1, D2, D3; you changed API of tax calculators. "tax" interface is incorrect and name is incorrect, too. |
| 5610546699 | Kittipat | 56.7 | 5 | 3.5 | 0 | D2, D4. Don't use static attribute for n in GetOneFreeLineItem. |
| 5610546702 | Jiratchaya | 86.7 | 5 | 3 | 5 | D2, D3, D4. Poor coding style. |
| 5610546711 | Nabhat | 90 | 5 | 3.5 | 5 | D2, D2, D4 |
| 5610546729 | Thanaphon | 46.7 | 4 | 3 | 0 | D1, D2, D3, S2 |
| 5610546745 | Thanyaboon | 93.3 | 5 | 4 | 5 | D2, D4 |
| 5610546753 | Nathas | 50 | 4 | 3.5 | 0 | D1, D2, D4, S1, |
| 5610546761 | Mintra | 40 | 4 | 2 | 0 | S1, D1, D2, D3, D4, Decorator constructor incorrect |
| 5610546770 | Varis | 20 | 0 | 3 | 0 | Useless tests in Store constructor, not a singleton. D2, D3, D4 |
| 5610546788 | Vasupol | 60 | 5 | 4 | 0 | D2, D4 |
| 5610546800 | Supason | 66.7 | 3 | 2.5 | 4.5 | S2, S4, D1, D3, getTotal modifies quantity in LineItem! Can't modify TurboTax class; write separate adapter. |
| | | | | | | |

S1 = store constructor is public (should be private)

S2 = Store uses early (eager) creation of Singleton. Exam said to use lazy instantiation.

S3 = getInstance() is not static. This means it cannot be used for instantiating a Singleton.

S4 = static Store instance is public (should be private)

D0 = not a decorator for LineItem

D1 = decorator doesn't delegate to lineItem attribute (using super instead)

D2 = decorator must override setQuantity and getQuantity.

D3 = getTotal incorrect.

D4 = needlessly complex or inefficient code to compute getTotal.

Only 1 line of code is needed to compute number of free items.

T1 = tax calc "adapter" classes not an adapter.