**PYTHON ASSIGNMENT-2: Analysis**

**STOCK MANAGEMENT**

**Sheridan College**

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**PART-1: Object Oriented Analysis**

|  |  |
| --- | --- |
| No: | Object (Nouns) |
| 1. | inputting |
| 2. | productcode |
| 3. | name |
| 4. | stock |
| 5 | pricing |
| 6 | Manufacturingcost |
| 7 | Monthhproduction |
| 8 | display |
| 9 | int |
| 10 | float |
| 11 | random |
| 12 | import |
| 13 | class |
| 14 | Month |
| 15 | input |
| 16 | Monthhproduction |
| 17 | codename |
| 18 | Sellingprice |
| 19 | Manufacturedp |
| 20 | soldp |
| 21 | Inventory |
| 22 | months |
| 23 | Product\_manufactured\_stocks |
| 25 | stockp |

**PART-2: Object-Oriented Design (OOD)**

|  |  |  |  |
| --- | --- | --- | --- |
| No: | Object | Datatype: User-defined Class | Datatype: Predefined Class / Type (Python) |
| 1. | productcode | int |  |
| 2. | name | string |  |
| 3. | stock | string |  |
| 4 | price | int |  |
| 5 | Manufacturingcost | int |  |
| 6 | Monthhproduction | int |  |
| 7 | input | n/a | string |
| 8 | int | int |  |
| 9 | float | n/a | float |
| 10 | random | int |  |
| 11 | import | n/a | Import |
| 12 | class | n/a | Class |
| 13 | Month | Class |  |
| 14 | display | Display |  |
| 15 | Monthproduction | int |  |
| 16 | codename | int |  |
| 17 | Sellingprice | float |  |
| 18 | Manufacturedp | float |  |
| 19 | soldp | int |  |
| 20 | Inventory | Inventory |  |
| 21 | months | Months |  |
| 22 | Product\_manufactured\_stocks | int | class |
| 23 | stockp | string |  |
| 24 | confirmation | string | class |