**Lab Exercise**

**Page 84 & 85, Question 1 (a, b, c)**

**HAM JING YI (A19EC0048)**

a)

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| --- | --- | --- |
| Name of the aggregation approach | Description of the approach | The line number that implements the aggregation approach |
| By using pointer variable | Since an aggregation relationship is implemented by objects contain pointers to other objects. Besides, this means that Summon is the enclosing object while Officer is the enclosed object. | Line 40 |
| By using reference variable | Dynamically allocate an object is like storing a reference to the object in the officer variable | Line 49 |

b) 

c) Output of Program 7.6 :

Officer : Ali 75381

Offender :Kassim 841203015311 NO 1 JALAN PS 13 TAMAN PERMATA SINAR

Summon Code : 12

Offender :SELAMAT 992112035621 NO 3 JALAN PC 31 TAMAN PERMATA CAHAYA

Officer : Ahmad 87611