**QUESTION 6:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Condition** | **i** | **j** | **k** | **OUTPUT** |
|  | 3 | 5 | 7 |  |
| If (i < j) (TRUE) |  |  |  |  |
| If (j < k) (TRUE) |  |  |  |  |
| i = j | 5 | 5 | 7 |  |
| Printf(“%d,%d,%d\n”, i ,j , k) |  |  |  | 557 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONDITION** | **i** | **j** | **k** | **OUTPUT** |
|  | 3 | 7 | 5 |  |
| If (i<j) (TRUE) |  |  |  |  |
| If(j<k) (FALSE) |  |  |  |  |
| Printf(“%d,%d,%d\n”, i ,j , k) |  |  |  | 375 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONDITION** | **i** | **j** | **k** | **OUTPUT** |
|  | 5 | 3 | 7 |  |
| If (i<j) (FALSE) |  |  |  |  |
| j = k |  | 7 | 7 |  |
| If (j > k ) (FALSE) |  |  |  |  |
| I = k | 7 | 7 | 7 |  |
| Printf(“%d,%d,%d\n”, i ,j , k) |  |  |  | 777 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONDITION** | **i** | **j** | **k** | **OUTPUT** |
|  | 5 | 7 | 3 |  |
| If (i<j) (TRUE) | 5 | 7 | 3 |  |
| If(j<k) (FALSE) | 5 | 7 | 3 |  |
| Printf(“%d,%d,%d\n”, i ,j , k) |  |  |  | 573 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONDITION** | **i** | **j** | **k** | **OUTPUT** |
|  | 7 | 3 | 5 |  |
| If (i<j) (FALSE) | 7 | 3 | 5 |  |
| J = k | 7 | 5 | 5 |  |
| If (j>k) (TRUE) | 7 | 5 | 5 |  |
| I = k | 5 | 5 | 5 |  |
| printf |  |  |  | 555 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONDITION** | **i** | **j** | **k** | **OUTPUT** |
|  | 7 | 5 | 3 |  |
| If(i<j) (FALSE) | 7 | 5 | 3 |  |
| J = k | 7 | 3 | 3 |  |
| If(j>k) | 3 | 3 | 3 |  |
| Printf |  |  |  | 333 |