**#include <stdio.h>**

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int main() {

int j, k;

double data = 23.45;

char n[] = { 'A','B','C' };

for (j = 1; j < 3; j = j+1) {

for (k = 1; k < 5; k = k + 2) {

if (data / 3 == 1) {

data++;

}

else { data += 2; }

}

}

printf("%s: j: %d, k: %d, data: %.2lf\n", n, j, k, data);

return 0;

}

**Expected o/p : ABC: j: 3, k: 6, data: 29.45**

**a) Complete the table.**

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| --- | --- | --- | --- | --- | --- |
| **j** | **j < 3** | **k** | **k <= 5** | **data** | **((int) data)%3** |
| **1** | **j<3: true** | **2** | **2<=5: true** | **23.45** |  |
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