


Question 1

Not yet answered

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1.00 Flag question

What is true about the following for loop?

```
int k;  
for(k=1; k <= 3; )  
{  
    printf("%d ", k);  
}
```

Select one:

- ☐ a. 1 is printed infinite number of times
- ☐ b. compiler error
- ☐ c. 111
- ☐ d. 123
- ☐ e. none of the above

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Question 2

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Consider the following structure.

struct point

```
{  
    int x, y;  
} A, B
```

Which of the following will be a valid statement in C.


Select one:

- ☐ a. `int L = (point.A - point.B) * (point.A + point.B);`
- ☐ b. `int L = (A.x - B.x) * (A.y + B.y);`
- ☒ c. `int L = (x - y) * (x + y);`
- ☐ d. `int L = (A - B) * (A + B);`
- ☐ e. `int L = (x.A - x.B) * (y.A + y.B);`

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Question 3

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What is the output of following program?

```
int i = 0, j = 0;
do {
    if(i % 5 == 0){
        printf("%d", j );
        j++;
    }
    ++i;
}while(i<10);
printf("%d", j );
```

Select one:

- ☒ a. 01
- ☐ b. 123
- ☐ c. 012
- ☐ d. 0123
- ☐ e. 012345

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