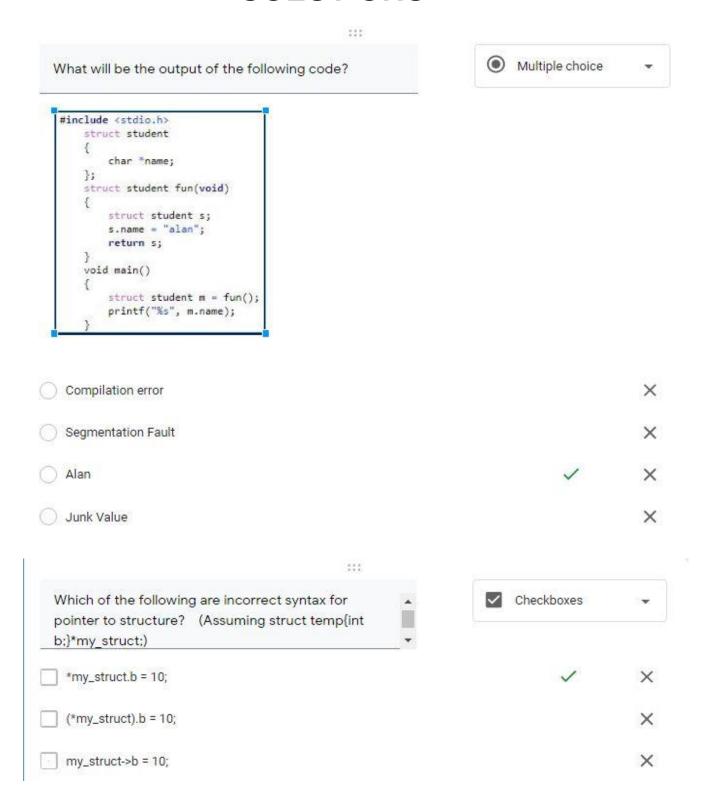
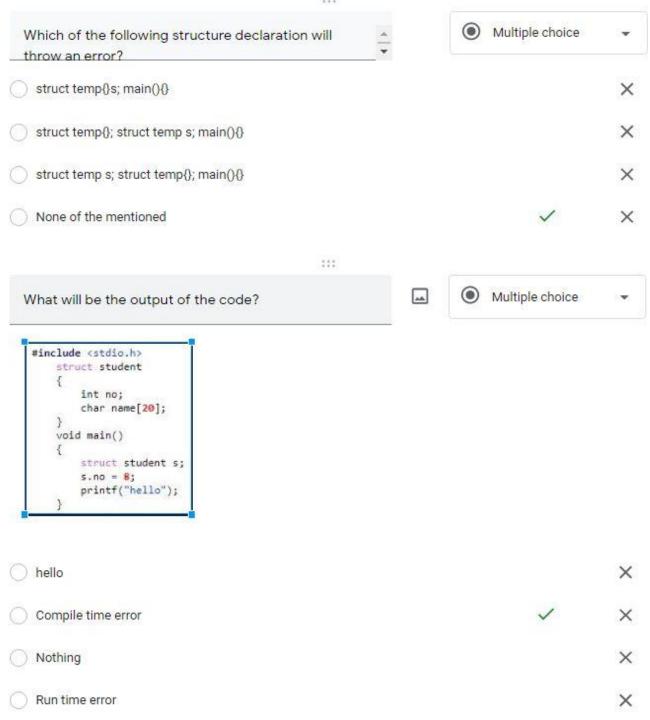
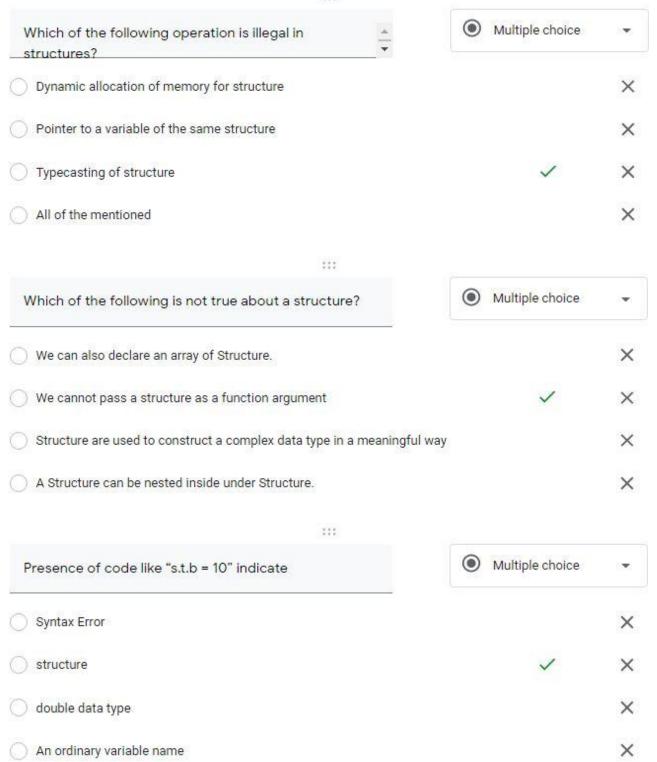
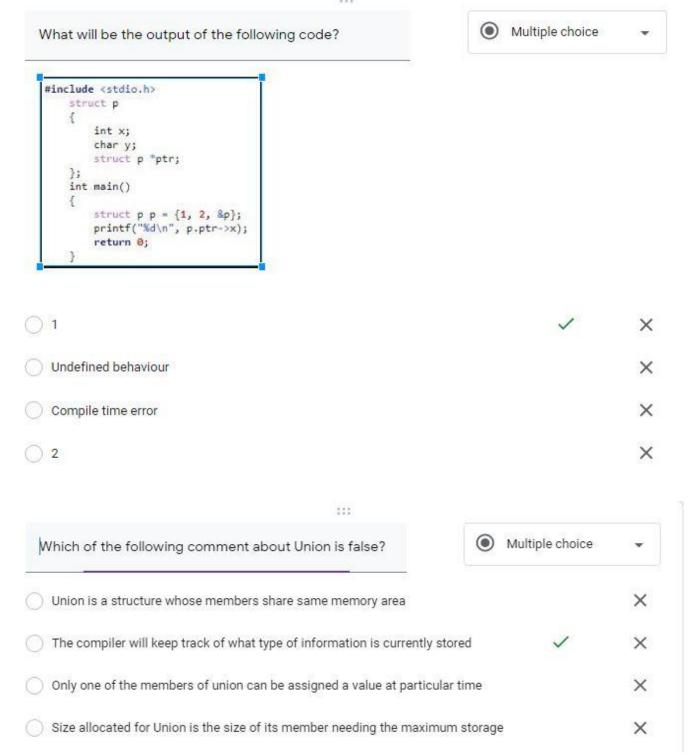
STRUCTURES AND UNIONS QUIZ SOLUTIONS

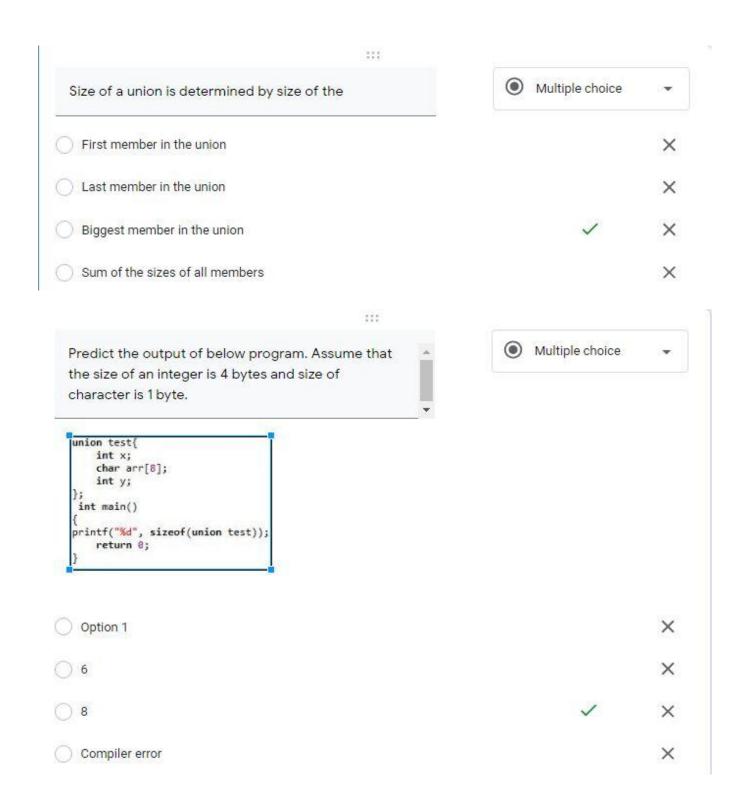




:::







Predict the output of above program. Assume that the size of an integer is 4 bytes and size of character is 1 byte. Also assume that there is no alignment needed.

Multiple choice

```
union test
{
    int x;
    char arr[4];
    int y;
};
int main()
{
    union test t;
    t.x = 0;
    t.arr[1] = 'G';
    printf("%s", t.arr);
    return 0;
}
```

Nothing is printed

✓ ×

() G

Garbage character followed by 'G'

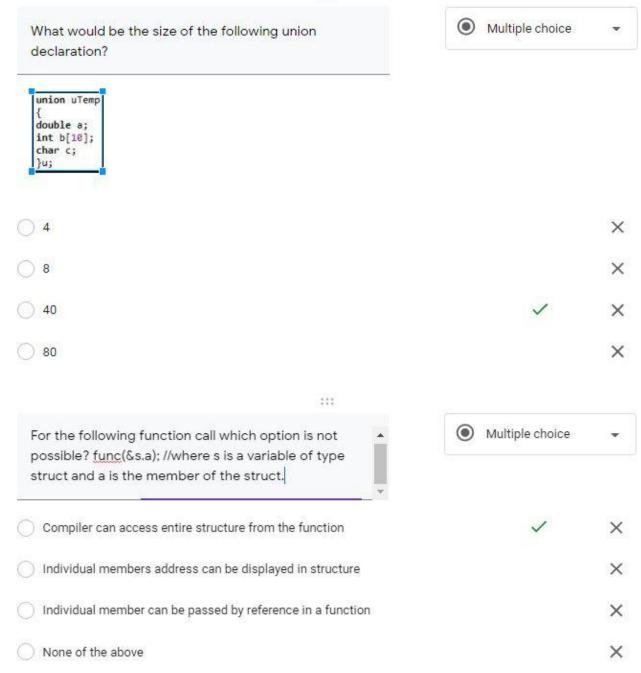
Garbage character followed by 'G', followed by more garbage characters

×

X

X

Compiler Error



What is the output of the C program?



```
int main()
{
    struct tree
    {
        int h;
        int w;
    };
    struct tree tree1={10};
    printf("%d",tree1.w);
    printf("%d",tree1.h);
    return 0;
}
```

00

100

0 10

0 10 10

X

X

×

×