

## Introduction to Pointers (Assignment Questions)

**Question 1 :** What will be the output of the following code :

```
int x;  
int *ptr;  
x = 7;  
ptr = &x;  
cout << *ptr;
```

**Question 2 :** What will be the output of the following code :

```
void multiplyBy2(int &a, int &b, int &c) {  
    a *= 2;  
    b *= 2;  
    c *= 2;  
}  
  
int main() {  
    int x = 1, y = 2, z = 3;  
    multiplyBy2(x, y, z);  
    cout << x << y << z << "\n";  
    return 0;  
}
```

**Question 3 :** What will be the output of the following code :

```
int a = 32;  
int *ptr = &a;  
  
char ch = 'A';  
char &cho = ch;  
  
cho += a;  
*ptr += ch;  
cout << a << ", " << ch << endl;
```

**Bonus** : Try to read up about Dangling Pointers.

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