

## 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.