# Module 7 – Quiz

1. What will the following code print out?

#include <iostream>

#include <string>

using namespace std;

class Part {

private:

string partName;

int partNumber;

public:

Part(const string &pn, int pnum) {

if(pn.length()>0 && pn[0]>='a' && pn[0]<='z')

partName = (char)(pn[0]-('a'-'A'))+pn.substr(1);

else

partName = "";

partNumber = pnum;

}

string getPartName() { return partName;}

int getPartNumber() {return partNumber;}

};

int main () {

Part \*p = new Part("widget", 101);

cout << (p->getPartName()+" "+to\_string(p->getPartNumber()))<< endl;

return 0;

}

1. Widget
2. widget 42
3. Widget 42
4. 42