Q1. TCS have several warehouses located in Lahore and each warehouse has several types of items placed there for dispatching.

```
struct Item {
    string item_name;
    string item_category;
    string destination;
    float weight;
};

struct Warehouse {
    Item * item;
    int itemsCount;
    string location;
    float area;
};
```

You need to code only for following question:

a) *A function named `addItem` that adds a new item to the warehouse, taking the item_name, item_category, destination and weight as parameters. Use concepts of nested structs in your code.*