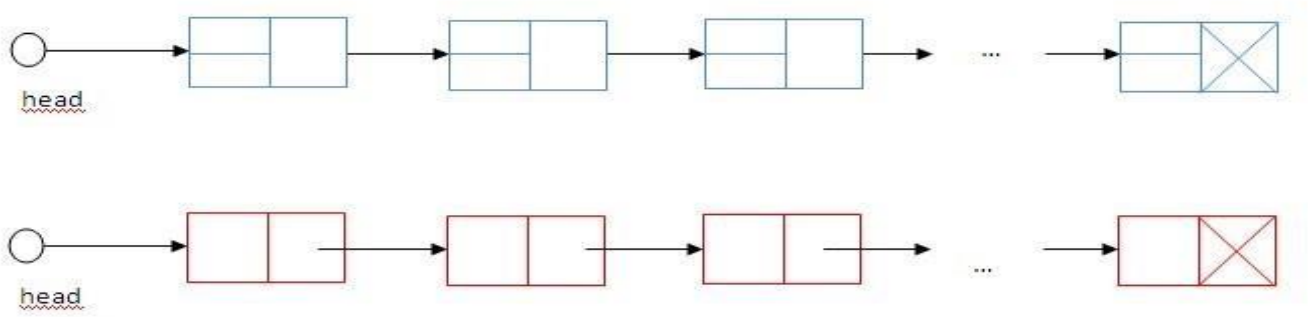
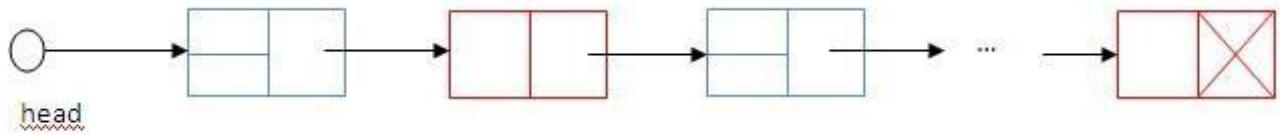
Fenerbahce and Galatasaray supporters are waiting in separate lines to get tickets. For each group of fans, get the related information (id and age for FB fans, id for GS fans) from the user and create the following link lists. FB fans will be inserted to link list in increasing order, GS fans in decreasing order with respect to their IDs. The number of fans in both link lists will be the same. The node structures to be used in the link list are given below.




```
struct nodeFB
{
  int id;    int age;     struct
nodeFB *next;
};
```

```
struct nodeGS        struct
{
        int id;
nodeGS *next;
};
```

You are then asked to combine these two linked lists using the following way. Use the new node structures when you are doing this placement.




```
struct newNodeFB
{
        int id;          int age;
        struct newNodeGS
*next;  };
```

```
struct newNodeGS
{
        int id;          struct
newNodeFB *next;
};
```

Input:	**Output:**
456 45 561 41 821 20 193 25 882 37 -1 872 272 345 892 764 -1	193 25 456 45 561 41 821 20 882 37 892 872 764 345 272 193 25 892 456 45 872 561 41 764 821 20 345 882 37 272