1.) Write a recursive function replaceValues that replaces every occurrence of x in nodes of the list by y:

```
void replaceValues(Nodetype<T> *p, int x, int y)
{
     if (p == nullptr)
          return;

     replaceValues (p->next, x, y);

     if (p->info == x)
          p->info = y;
}
```

2.) Write a recursive function that removes all nodes containing x from a list. Since the first node pointer may be deleted it is passed in by reference.

```
void replaceValues(Nodetype<T> * &p, int x)
{
     if (p == nullptr)
          return;

     replaceValues(p->next, x);

     if (p->info == x){
          p->prev->next = p->next;
          p->next->prev = p->prev;
          delete p;
     }
}
```