

23-04-2010

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Queremos remover a lista $12 \rightarrow$ e $11 \rightarrow$.

```

Limt removedup (Limt l)

```

```

{ if (!l) return l;
  else

```

```

{ l->seg = rmdaux (l->seg, l);
  return l;
}

```

```

?
?

```

```

Limt rmdaux (Limt l, Limt ant)

```

```

{ if (!l) return l;

```

```

else
{ if (l->valor == ant->valor)
  { l = removerec (l, l->valor);
    l->seg = rmdaux (l->seg, ant);
    return l;
  }

```

```

else
{ l->seg = rmdaux (l->seg, l);
  return l;
}
}

```

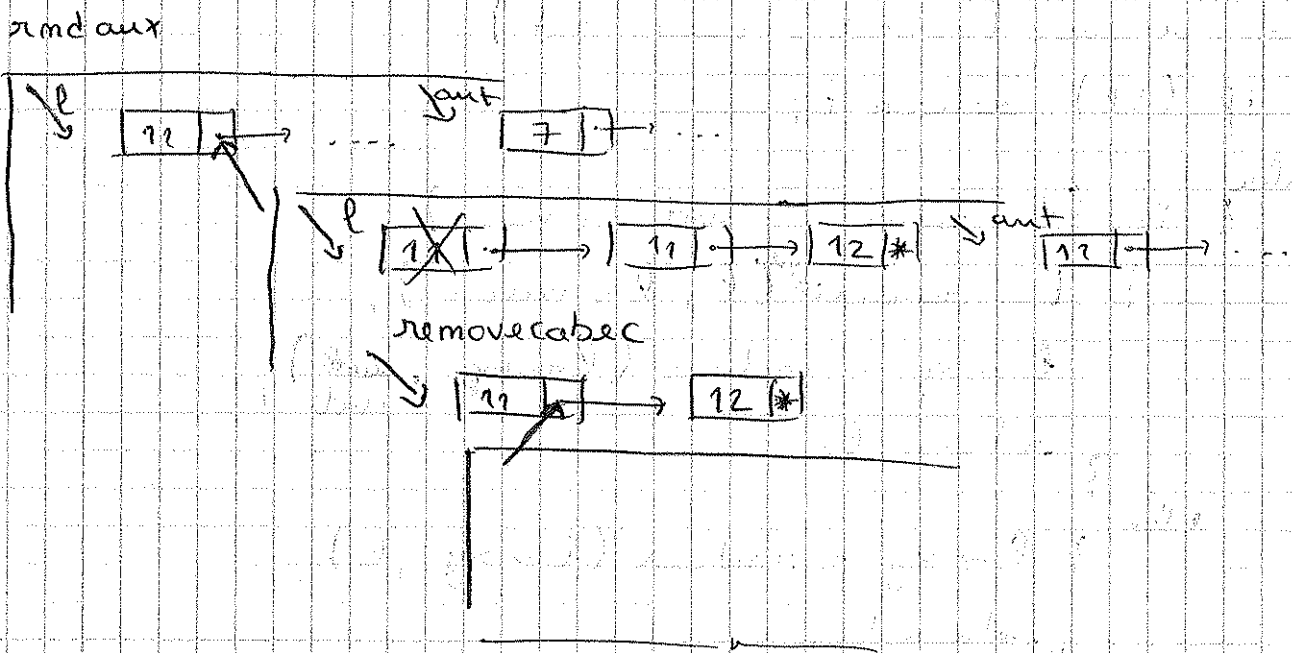
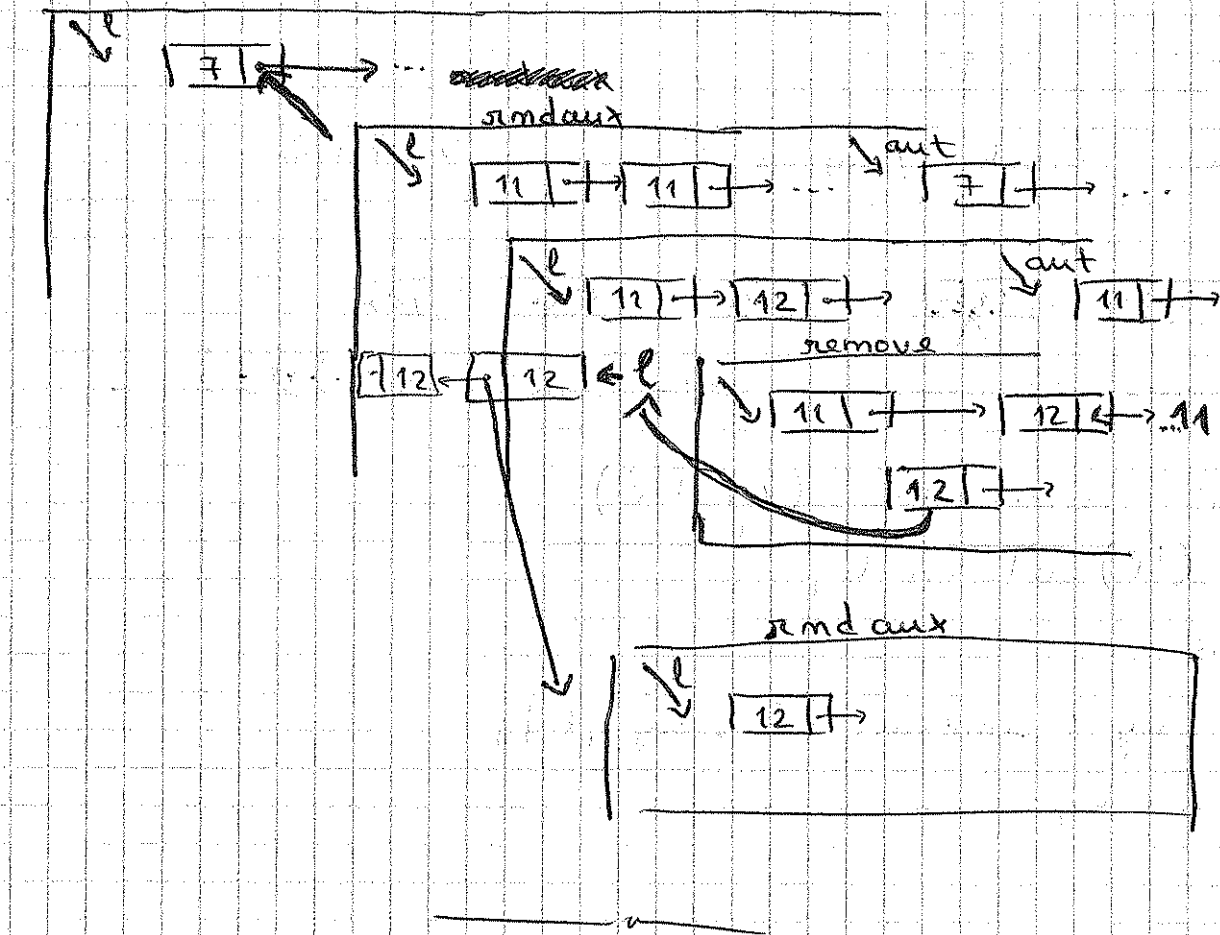
```

l2 = removedup (l2);

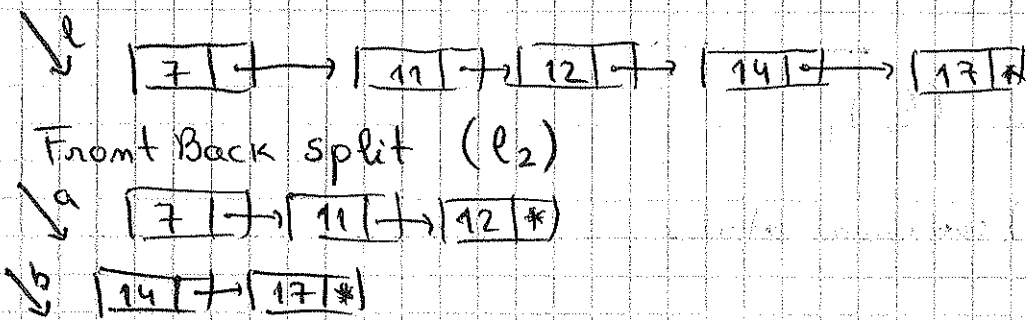
```

(+ continua atrás

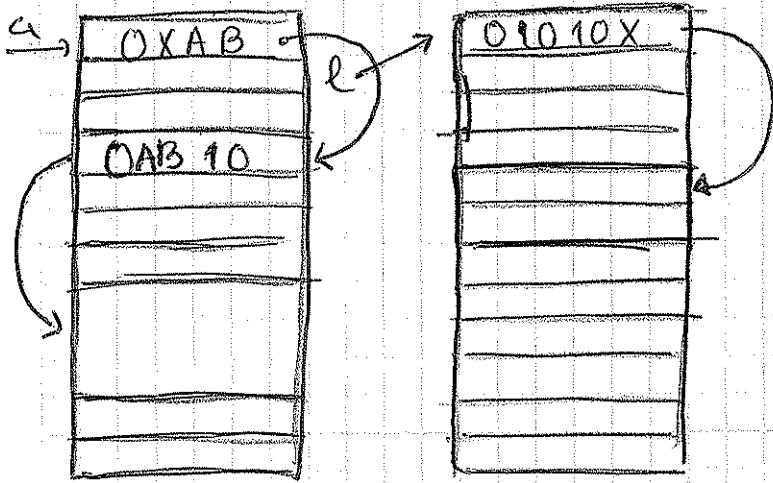
(+)



Programa que dá como resultado duas listas:



```
void FrontBacksplit (LInt l, LInt *a, LInt *b)
```



```
int main ()
{
  LInt l1 = NULL, l2 = NULL, l3 = NULL;
  ...
  l1 = inserir (...);
  FrontBackSplit (l1, &l2, &l3);
  listar (l2);
  listar (l3);
  ...
}
```

```
void FrontBacksplit (LInt l, LInt *a, LInt *b)
```

```
{
  int meio; i;
  meio = listlen (l) / 2 + listlen (l) % 2;
  for (i = 0; i < meio; i++)
  {
    *a = inserir fim (*a, l -> valor);
    l = l -> seg;
  }
  while (l)
  {
    *b = inserir fim (*b, l -> valor);
    l = l -> seg;
  }
}
```

