

the type atom is:0

the type list is:1

Testing aasel with atom t

the type for elemenet1 is:0

the atom for the element1 is:t

Testing lasel with list containg atom t

the type for lasel is:1

the type for lasel in list is:0

the atom for lasel in list is:w

testing car while given an atom value

the type for head is:1

this is null

the type for the head in list is:0

the atom for the head in list is:w

Testing the const list:

the type for the conList in list is:0

the atom for the conList in list is:r

the type for the conList->next in list is:0

the atom for the conList->next in list is:w

Testing tail:the type for the tail in list is:0

the atom for the tail in list is:b

testing crd with invalid parameters:

the type for cdr not list is:this is null

testing crd with invalid parameters:

the type for cdr 1 list is:this is null

the type for cdr 2 list is:this is null

Testing cddr:

the type for the tailOfTail in list is:0

the atom for the tailOfTail in list is:c

Testing cddr with invalid parametrs:

the type for ccdr not list is:this is null

the type for ccdr 0 list is:this is null

the type for ccdr 1 list is:this is null

the type for ccdr 2 list is:this is null

(a b c)freeing element:a

freeing element:b

freeing element:c

freeing list

testing combing list

the type for the PART1 in list is:0

the atom for the PART1 in list is:a

the type for the PART2 in list is:0

the atom for the PART2 in list is:b

the type for the PART3 in list is:0

the atom for the PART3 in list is:c

the type for the PART4 in list is:0

the atom for the PART4 in list is:x

the type for the PART5 in list is:0

the atom for the PART5 in list is:y

the type for the PART6 in list is:0

the atom for the PART6 in list is:z

testing print list

(a b c x y z)testing free list

freeing element:a

freeing element:b

freeing element:c

freeing element:x

freeing element:y

freeing element:z

freeing list

Testing append function with a list containing sub list the type for the PART1 in list is:0

the atom for the PART1 in list is:1

the type for the PART2 in list is:1

the type for the PART3 in list is:0

the atom for the PART3 in list is:3

the type for the PART4 in list is:0

the atom for the PART4 in list is:4

the type for the PART5 in list is:1

the type for the PART6 in list is:0

the atom for the PART6 in list is:6

Testing print function with a list containing sub list (1 (l (8 9 0) n) 3 4 (d f e) 6)Testing free
function with a list containing sub list freeing element:1

freeing element:l

freeing element:8

freeing element:9

freeing element:0

freeing list

freeing element:n

freeing list

freeing element:3

freeing element:4

freeing element:d

freeing element:f

freeing element:e

freeing list

freeing element:6

freeing list