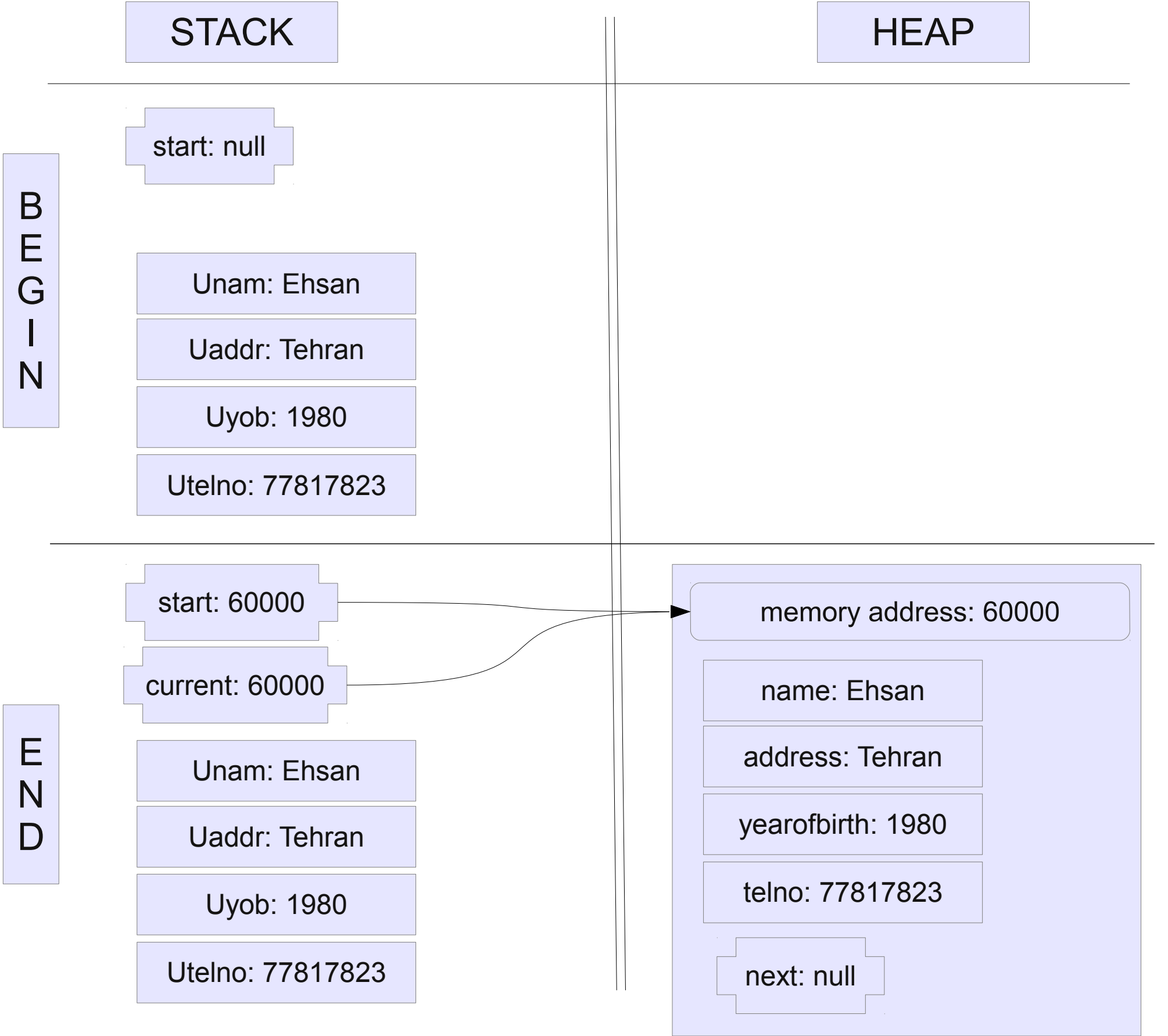


Add Record to empty list

Homework #5 ...  
Ehsan Kourkchi



Add record to list which has three records

STACK

HEAP

B  
E  
G  
I  
N

start: 30000

Unam: Ehsan

Uaddr: Tehran

Uyob: 1980

Utelno: 77817823

memory address: 30000

name: Bob

address: Honolulu

yearofbirth: 1985

telno: 80859632365

next: 40000

memory address: 40000

name: Lauren

address: Hilo

yearofbirth: 1993

telno: 8082201574

next: 50000

memory address: 50000

name: Sean

address: Huston

yearofbirth: 1987

telno: 8014236831

next: null

E  
N  
D

start: 30000

current: 60000

Unam: Ehsan

Uaddr: Tehran

Uyob: 1980

Utelno: 77817823

memory address: 30000

name: Bob

address: Honolulu

yearofbirth: 1985

telno: 80859632365

next: 40000

memory address: 40000

name: Lauren

address: Hilo

yearofbirth: 1993

telno: 8082201574

next: 50000

memory address: 50000

name: Sean

address: Huston

yearofbirth: 1987

telno: 8014236831

next: 60000

memory address: 60000

name: Ehsan

address: Tehran

yearofbirth: 1980

telno: 77817823

next: null

# Delete name matches first record in a list with 3 records

STACK

HEAP

B  
E  
G  
I  
N

start: 30000

Unam: Bob

memory address: 30000

name: Bob

address: Honolulu

yearofbirth: 1985

telno: 80859632365

next: 40000

memory address: 40000

name: Lauren

address: Hilo

yearofbirth: 1993

telno: 8082201574

next: 50000

memory address: 50000

name: Sean

address: Huston

yearofbirth: 1987

telno: 8014236831

next: null

E  
N  
D

start: 40000

current: null

temp: 40000

Unam: Bob

memory address: 40000

name: Lauren

address: Hilo

yearofbirth: 1993

telno: 8082201574

next: 50000

memory address: 50000

name: Sean

address: Huston

yearofbirth: 1987

telno: 8014236831

next: null

# Delete name matches third record in a list with 4 records

STACK

HEAP

B  
E  
G  
I  
N

start: 30000

Unam: Sean

memory address: 30000

name: Bob

address: Honolulu

yearofbirth: 1985

telno: 80859632365

next: 40000

memory address: 40000

name: Lauren

address: Hilo

yearofbirth: 1993

telno: 8082201574

next: 50000

memory address: 50000

name: Sean

address: Huston

yearofbirth: 1987

telno: 8014236831

next: 60000

memory address: 60000

name: Ehsan

address: Tehran

yearofbirth: 1980

telno: 77817823

next: null

E  
N  
D

start: 30000

current: null

temp: 60000

Unam: Sean

memory address: 30000

name: Bob

address: Honolulu

yearofbirth: 1985

telno: 80859632365

next: 40000

memory address: 40000

name: Lauren

address: Hilo

yearofbirth: 1993

telno: 8082201574

next: 60000

memory address: 60000

name: Ehsan

address: Tehran

yearofbirth: 1980

telno: 77817823

next: null