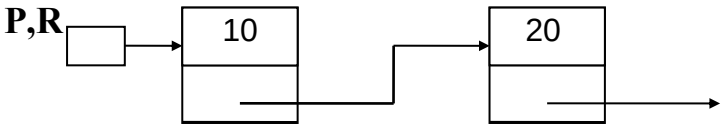
RIŠLŪS SĄRAŠAI - LINKED LISTS



nil (Pascal)
NULL / nullptr (C/C++)
null (Java)

Pascal	C/C++

program FirstList;
type list = ^elem;
elem = **record**
inf : **integer**;
next : list;
end;
var a : list;
begin
new(a);
a^.inf := 10;
new(a^.next);
a^.next^.inf := 20;
a^.next^.next := nil;
end.
	#include <iostream>
	using namespace std;
	typedef struct list {
	int sk;
	struct list *next; } sar;
	sar *P; // Saraso pradzia
	
	int main(int argc, char *argv[]){
	P = NULL;
	sar *R;
	R = new sar; // Naujas elementas
	R->sk = 10; // Reikšmės užpildymas
	R->next = P; // Prijungimas
	P = R; // Pradžios keitimas
	R->next = new sar; // Sekantis elementas
	R->next->sk = 20; // Užpildymas
	R->next->next = NULL; }

STEKAI - STACKS ir EILĖS - QUEUES

LIFO – Last In First Out

InitStack() {sp=NULL;}
Push
Pop
EmptyStack()

FIFO - First In First Out

InitQueue
Enqueue
Dequeue
EmptyQueue