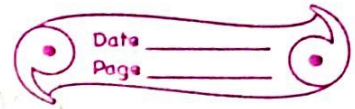
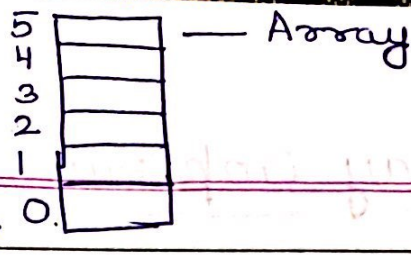


Stack ADT  
LIFO (last in first out)



OPERATIONS :

PUSH (X)

POP ( )

TOP ( )

IsEmpty ( )

IsFull ( )

Implementation : 1. Arrays

2. linked list

top ( )

{

return A[top];

}

int A [SIZE];

top = -1;

push (x)

{

top = top + 1;

A[top] = x

}

IsEmpty ( )

{

if (top == -1)

return True

else

return False

}

pop ( )

{

top = top - 1;

}

IsFull ( )

{

if (SIZE == top)

return TRUE

else

return FALSE

}

main ( )

{

push (20);

push (30);

push (200);

pop ( );

pop ( );

pop ( );

}