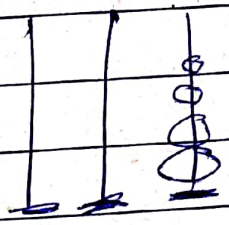
Post fix
Date:

stack

Variables Top
Push
Pop


```
class stack {
static final int Max = 1000;
    int Top;
int a[] = new int [Max];
    boolean isEmpty ( ) {
    return ( top < 0);
    }
    stack ( ) {
        Top = -1;
        }
boolean push (int x ) {
    if ( top >= Max-1) {
sop ("stack overflow");
        return false;
    }
    else {
    a [++ top ] = x;
    Sop (x + " pushed into stack");
        return true;
        }
}
    int pop( ) {
    if ( top<0 ) {
    s.o.p("stack Underflow");
        return 0;
    }
    else {
```



Top

Date:

```
int x = a[top--];
    return x;
return x;
  }
 }
}

class Main {
Public static void main(String [] args)
{
   stack s = new stack();
       s.push (10);
       s.push (20);
       s.push (30);
s.out (s.pop() + "popped from stack");
    }
}
```