Pseudo code.

```
int  A [10]
top < -1 -1   // Empty stack

Push (x)
{
top < top +1
A[top] <- x  A[top] <- x
}

Pop ()
{
top <- top - 1
}

top ()
{
return A[top]
}

isEmpty ()
{
if (top == -1)
      return true ;
else
      return false ;
}

isfull ()
{
if (top == SIZE )
      return true ;
else
      return false ;
```