

# Inserarea si Stergerea din Vector

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## 1 Inserarea in vector

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**Algorithm 1** void insereaza(int pozitie, int valoare)

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```
int i;  
for  $i = n; i \geq \text{pozitie}; i--$  do  
     $V[i + 1] = V[i]$ ;  
end for  
 $V[\text{pozitie}] = \text{valoare}$ ;  
 $n++$ ;
```

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## 2 Stergerea din vector

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**Algorithm 2** void sterge(int pozitie)

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```
int i;  
for  $i = \text{pozitie}; i < n; i++$  do  
     $V[i] = V[i + 1]$ ;  
end for  
 $n--$ ;
```

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**Algorithm 3** void sterge(int pozitie)

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```
while  $\text{pozitie} < n$  do  
     $V[\text{pozitie}] = V[\text{pozitie} + 1]$ ;  
     $\text{pozitie}++$ ;  
end while  
 $n--$ ;
```

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