

```
void Push ( int Stack[], int m)
```

```
{
```

```
    if ( top == size - 1)
```

```
{
```

```
    Print ( " Stack overflow" );
```

```
}
```

```
{
```

```
    top ++;
```

```
    Stack (top) = m;
```

```
}
```

```
}
```

```
int Pop ( int Stack[])
```

```
{
```

```
    int n;
```

```
    if ( top == -1)
```

```
{
```

```
        Printf ( " stack is empty \n" );
```

```
}
```

```
else
```

```
{ n = Stack (top);
```

```
    top --;
```

```
    return (n);
```

```
}
```

```
void display ( int Stack[])
```

```
{
```

```
    int i;
```

```
    Printf ( " The Stack elements \n" );
```

```
    for ( i = top; i >= 0; i --)
```

```
{
```

```
        Printf ( "%d \n", Stack[i];
```

```
}
```

```
}
```