

```
function y = functia8(a,b,n,f)
```

```
%{  
definim, cu un fisier de tip M, o functie in cadrul  
Laboratorului 13 & 14, Problema 6  
%}
```

```
h = (b-a)/n;
```

```
x = a:h:b;
```

```
suma = 0;
```

```
for k = 1:n
```

```
    suma = suma + f(x(k)) + f(x(k+1));
```

```
end
```

```
y = (h/2)*suma;
```

```
end
```