

```
function locs = nextMatch(Peaks, P)
% Receives a combined array of multiple types of events
% Then checks for the type of event, P and writes these selected events to an array↵
locs
%
% See also mathematica.m, combined.m

% Initialize locations array
locs = [];

% for array of interest
for i = 1:length(Peaks)
    % Checks if particular peak is present
    if Peaks(i, 2) == P
        % Then save location
        locs = [locs; Peaks(i,1)];
    end
end
end
```