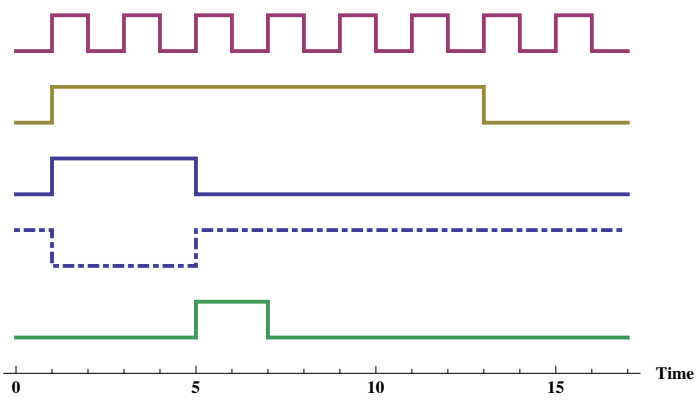
```
clock = {
    {0, 9}, {1, 9}, {1, 10}, {2, 10},
    {2, 9}, {3, 9}, {3, 10}, {4, 10},
    {4, 9}, {5, 9}, {5, 10}, {6, 10},
    {6, 9}, {7, 9}, {7, 10}, {8, 10},
    {8, 9}, {9, 9}, {9, 10}, {10, 10},
    {10, 9}, {11, 9}, {11, 10}, {12, 10},
    {12, 9}, {13, 9}, {13, 10}, {14, 10},
    {14, 9}, {15, 9}, {15, 10}, {16, 10},
    {16, 9}, {17, 9}};
periodicity = {
    {0, 7}, {1, 7}, {1, 8}, {13, 8},
    {13, 7}, {17, 7}};
delaypulse = {
    {0, 5}, {1, 5}, {1, 6}, {5, 6},
    {5, 5}, {17, 5}};
invdelaypulse = {
    {0, 4}, {1, 4}, {1, 3}, {5, 3},
    {5, 4}, {17, 4}};
delayedpulse = {
    {0, 1}, {5, 1}, {5, 2}, {7, 2},
    {7, 1}, {17, 1}};
sig = ListPlot[{delaypulse, clock, periodicity, delayedpulse},
    Joined → True, Axes → {True, False}, PlotStyle → Thick,
    PlotRange → {All, {0, 11}}, AxesLabel → {"Time", None}, LabelStyle → Bold];
invsig = ListPlot[{invdelaypulse}, Joined → True, Axes → {True, False},
    PlotStyle → Directive[DotDashed, Thick], PlotRange → {All, {0, 11}},
    AxesLabel → {"Time", None}, LabelStyle → Bold];
Show[
 sig,
 invsig]
```



```
twopulses = {
    {0, 1}, {1, 1}, {1, 4}, {3, 4}, {3, 1},
    {6, 1}, {6, 4}, {8, 4}, {8, 1}, {12, 1}};
pls =
  ListPlot[twopulses, Joined → True, PlotStyle → Thick, PlotRange → {All, {0, 11}},
    AxesLabel → {"Time", "Electric potential (V)"}, LabelStyle → Bold];
ion = Plot[1 + 7 * Sqrt[(t - 6.5) / 2], {t, 0, 12},
    PlotStyle → Directive[ColorData[1, "ColorList"][[2]], Thick]];
Show[
 pls,
 ion]
```