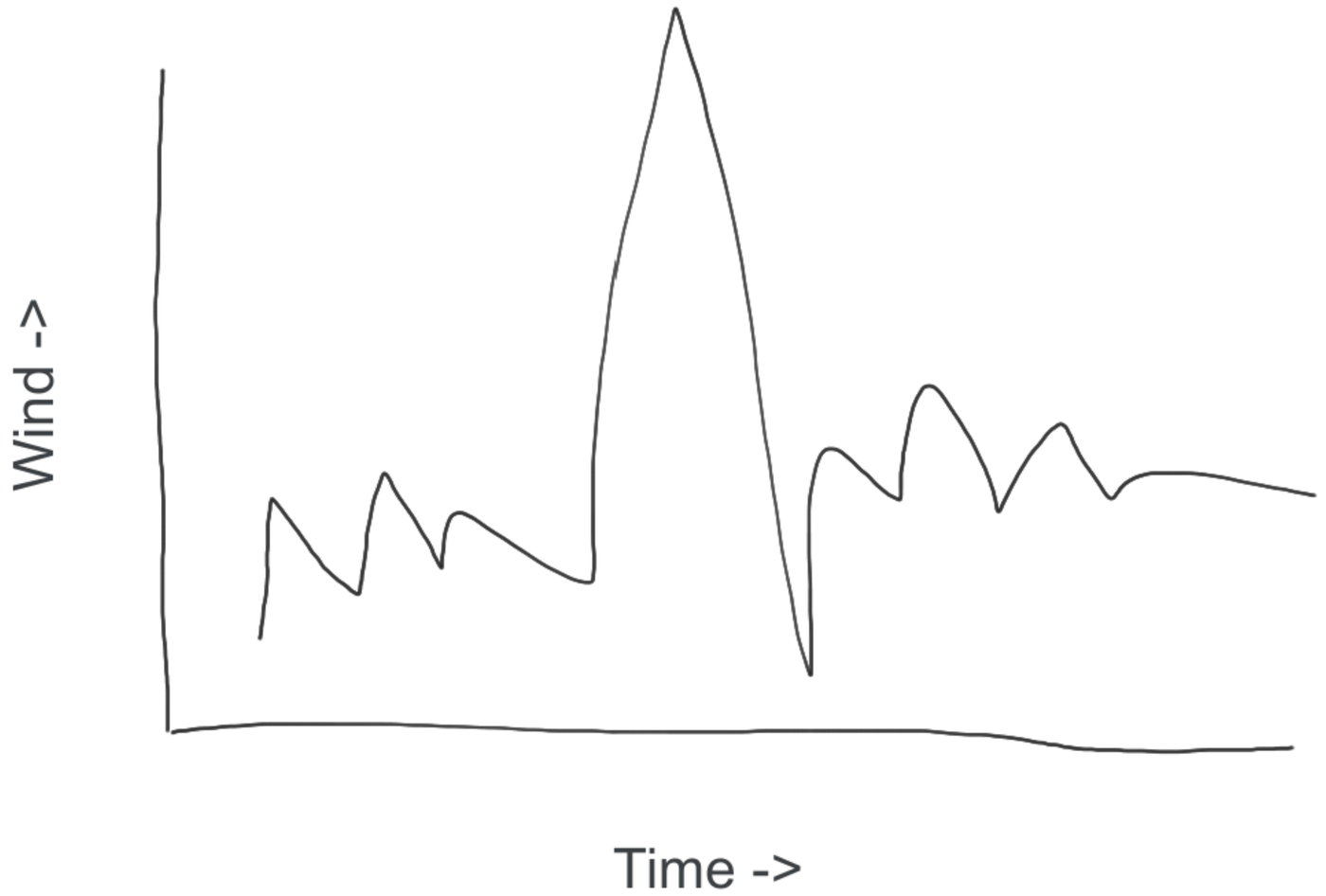
Example of what the wind timeseries plot should look like



w1(time) w2(t)

plotwind(cases, time)

plotwind(2, 20000)

plot1(0, :)

plot2(1, :)

Difference between Temp at 400 mb and 300 mb

$DT4030 = T40 - T30$

GJT radiosonde

T is @ 400 mb

prob(UP) = 30 } depend
prob(DOWN) = 3 }

$$D = diff$$

Diff in Geopotential

$$DZ85G = diff\ geo(Z)$$

$$85 = 850\ mb$$

This formula on page 8

Geopotential of 850 mb at ELY station

$$= 2 * (Z950(Ely) -$$

Subtract Boise Geopotential Value, and the Lander Geopotential Value

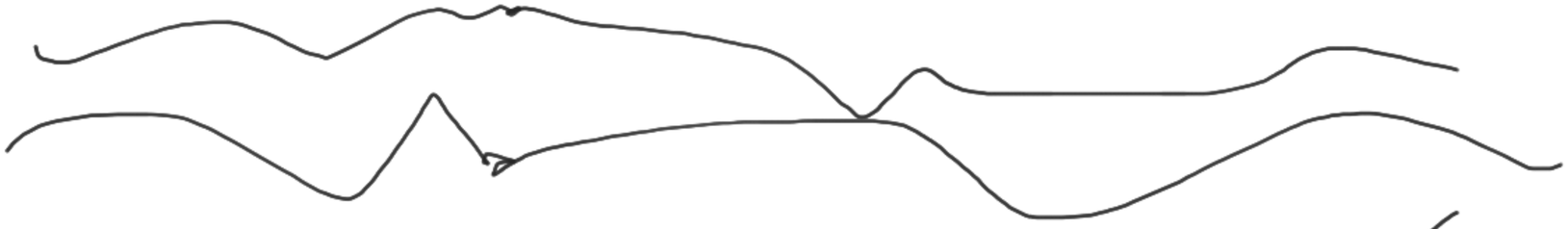
$$Z85(Boise) - Z950(Lander))$$

$$\leq 116\ (m) \rightarrow no\ wind$$

2.17

prob60p = 19%

prob80p = 5%



~~prob60p = float(x, time)~~

prob80p

prob60 = (time % 100 timeslices

Jan 1 2000 = timeslice 0

Jan 2 =

arbitrary DZ85G values for example

Jan 1 + 2 ⇒ DZ85G = 120

= 10

if DZ85G is 120, then at timeslice 0, prob60 will be 19

prob60 = (0) = 19

= (1) = 0

assign Var

DZ856 =

DZ70D

U7aGL

DT4B0

assign cnt

-Z005ZLY

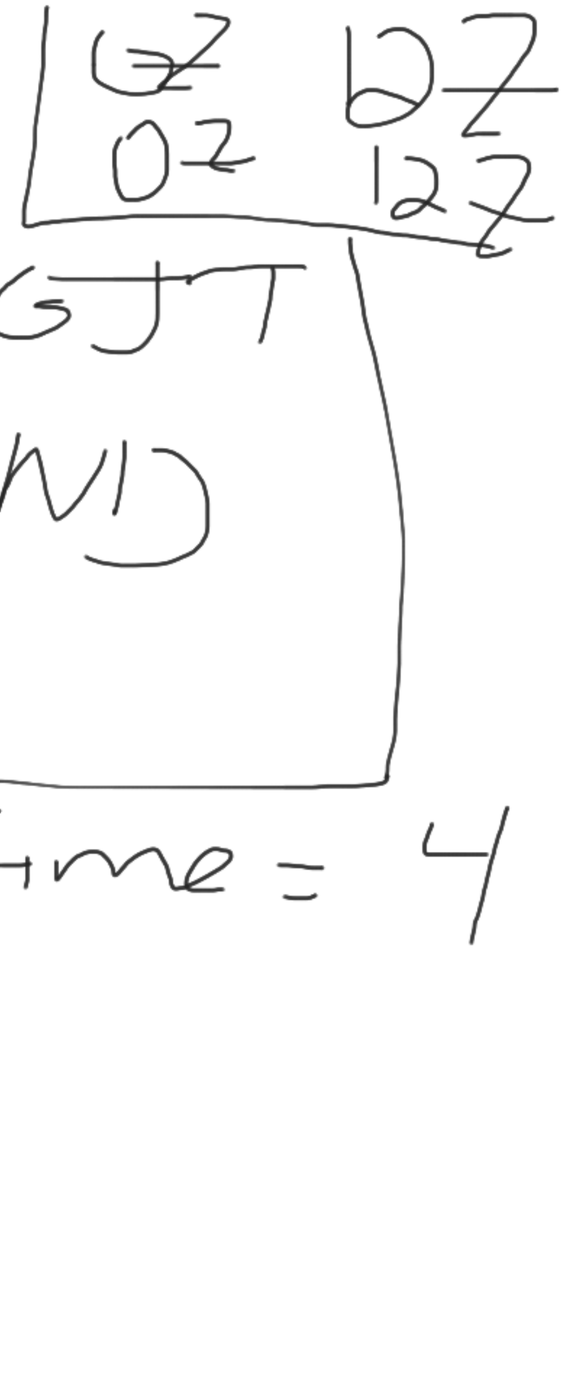
:Z85BJT

:Z85 LNDJ(0)

Z70SLC

Z700GJT

Z70LNDJ



27강 equation

1) 61 - 110 =

2) 111 - 160

3

problem code

App B

DZ70D — 161-210

T4030 edution

problOpl( )

8U1°( )