

balroot.cpp

main()

volume
mass

req-payload
lo-alt
hi-alt
epsilon
altitude

class Balloon

find_altitude()

req-payload
lo-alt
hi-alt
epsilon

dif_payload()

altitude
req-payload

return

(findpayload(altitude)
-req-payload);

private:

volume
mass

lapse -6.5e-3
temp 15.0
press 101325.0
rgas 287.0
g 9.807

lapse	-6.5e-3
temp	15.0
press	101325.0
rgas	287.0
g	9.807

find_payload()

altitude

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evaluate and
return payload