





Coupling:

AO = AlarmObject
 AEF = AddEditForm
 F1 = Form1
 FM = FileManage

Sub assemblies:

AO
 FM
 FM AO
 AEF AO
 FM F1 AEF AO
 AEF AO FM

Coupling = sub-assemblies / num classes
 $6/3 = 2 \rightarrow 2:1$ ratio

Cohesion:

AddEditForm:

$F(D) = 9$
 $M(D) = 5$
 $M(fi) = 10$
 $H(D) = (10)/(9*5) = 0.2222$

AlarmObject:

$F(D) = 4$
 $M(D) = 11$
 $M(fi) = 17$
 $H(D) = (17)/(4*11) = 0.3864$

Form1:

$F(D) = 7$
 $M(D) = 6$
 $M(fi) = 39$
 $H(D) = (39)/(7*6) = 0.9286$

Cohesion = $(m1+m2+...+mM) / (F(D)*M(D))$