Welcome to Assignment 5

Foot Default Constructor.

Foot Double Conversion Constructor.

Foot Double Conversion Constructor.

Foot Double Conversion Constructor.

Foot Copy Constructor.

Meter Default Constructor.

Meter Double Conversion Constructor.

Meter Double Conversion Constructor.

Meter Double Conversion Constructor.

Meter Copy Constructor.

Foot Meter Conversion Constructor.

Meter Foot Conversion Constructor.

F0 = 0

F1 = 1.2

F2 = 2.4

F3 = 4.8

F4 = 1.2

F5 = 3.9372

M0 = 0

M1 = 1.2

M2 = 2.4

M3 = 4.8

M4 = 1.2

M5 = 0.365742

Demo 1

F4 = F3

Foot Default Assignment Operator.

F4 = 4.8

Demo 2

F4 = -F3

Foot Default Constructor.

Foot Negation Operator.

Foot Copy Constructor.

Foot Default Destructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F3 = 4.8

F4 = -4.8

Demo 3

F4 = F1 + F2

Foot Double Assignment Operator.

F4 = 0

Foot Foot + Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 3.6

Demo 4

F4 = F2 + F1

Foot Double Assignment Operator.

F4 = 0

Foot Foot + Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 3.6

Demo 3

F4 = F1 + F2

Foot Double Assignment Operator.

F4 = 0

Foot Foot + Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 3.6

Demo 4

F4 = F2 + F1

Foot Double Assignment Operator.

F4 = 0

Foot Foot + Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 3.6

Demo 5

F4 = F1 - F2

Foot Double Assignment Operator.

F4 = 0

Foot Foot - Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = -1.2

Demo 6

F4 = F2 - F1

Foot Double Assignment Operator.

F4 = 0

Foot Foot - Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 1.2

Demo 7

F4 = F1 \* F2

Foot Double Assignment Operator.

F4 = 0

Foot Foot \* Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 2.88

Demo 8

F4 = F2 \* F1

Foot Double Assignment Operator.

F4 = 0

Foot Foot \* Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 2.88

Demo 9

F4 = F1 / F2

Foot Double Assignment Operator.

F4 = 0

Foot Foot / Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 0.5

Demo 10

F4 = F2 / F1

Foot Double Assignment Operator.

F4 = 0

Foot Foot / Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 2

Demo 11

F4 = F2 / F0

Foot Double Assignment Operator.

F4 = 0

Foot Foot / Foot Operator.

Attempt to divide by 0.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 0

Demo 101

M4 = M3

Meter Default Assignment Operator.

M4 = 4.8

Demo 102

M4 = -M3

Meter Default Constructor.

Meter Negation Operator.

Meter Copy Constructor.

Meter Default Destructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M3 = 4.8

M4 = -4.8

Demo 103

M4 = M1 + M2

Meter Double Assignment Operator.

M4 = 0

Meter Meter + Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 3.6

Demo 104

M4 = M2 + M1

Meter Double Assignment Operator.

M4 = 0

Meter Meter + Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 3.6

Demo 105

M4 = M1 - M2

Meter Double Assignment Operator.

M4 = 0

Meter Meter - Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = -1.2

Demo 106

M4 = M2 - M1

Meter Double Assignment Operator.

M4 = 0

Meter Meter - Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 1.2

Demo 107

M4 = M1 \* M2

Meter Double Assignment Operator.

M4 = 0

Meter Meter \* Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 2.88

Demo 108

M4 = M2 \* M1

Meter Double Assignment Operator.

M4 = 0

Meter Meter \* Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 2.88

Demo 109

M4 = M1 / M2

Meter Double Assignment Operator.

M4 = 0

Meter Meter / Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 0.5

Demo 110

M4 = M2 / M1

Meter Double Assignment Operator.

M4 = 0

Meter Meter / Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 2

Demo 111

M4 = M1 / M0

Meter Double Assignment Operator.

M4 = 0

Meter Meter / Meter Operator.

Attempt to divide by 0.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 0

Demo 201

F4 = M3

Foot Double Assignment Operator.

F4 = 0

Foot Meter Assignment Operator.

F4 = 15.7488

Demo 202

M4 = F3

Meter Double Assignment Operator.

M4 = 0

Meter Foot Assignment Operator.

M4 = 1.46297

Demo 203

F4 = F1 + M1

Foot Double Assignment Operator.

F4 = 0

Foot Foot + Meter Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

F4 = 5.1372

Demo 204

F4 = M1 + F1

Foot Double Assignment Operator.

F4 = 0

Meter Meter + Foot Operator.

Meter Double Conversion Constructor.

Foot Meter Assignment Operator.

Meter Default Destructor.

F4 = 5.1372

Demo 205

M4 = F1 + M1

Meter Double Assignment Operator.

M4 = 0

Foot Foot + Meter Operator.

Foot Double Conversion Constructor.

Meter Foot Assignment Operator.

Foot Default Destructor.

M4 = 1.56574

Demo 206

M4 = M1 + F1

Meter Double Assignment Operator.

M4 = 0

Meter Meter + Foot Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

M4 = 1.56574

Demo 207

F4 = M1 + (Meter) F2

Foot Double Assignment Operator.

F4 = 0

Meter Foot Conversion Constructor.

Meter Meter + Meter Operator.

Meter Double Conversion Constructor.

Foot Meter Assignment Operator.

Meter Default Destructor.

Meter Default Destructor.

F4 = 6.3372

Demo 208

F4 = (Foot) M1 + F2

Foot Double Assignment Operator.

F4 = 0

Foot Meter Conversion Constructor.

Foot Foot + Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

Foot Default Destructor.

F4 = 6.3372

Demo 209

M4 = M1 + (Meter) F2

Meter Double Assignment Operator.

M4 = 0

Meter Foot Conversion Constructor.

Meter Meter + Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

Meter Default Destructor.

M4 = 1.93148

Demo 210

M4 = (Foot) M1 + F2

Meter Double Assignment Operator.

M4 = 0

Foot Meter Conversion Constructor.

Foot Foot + Foot Operator.

Foot Double Conversion Constructor.

Meter Foot Assignment Operator.

Foot Default Destructor.

Foot Default Destructor.

M4 = 1.93148

Demo 211

F4 = F1 / F2 + F3 \* -F2 - F5

Foot Double Assignment Operator.

F4 = 0

Foot Default Constructor.

Foot Negation Operator.

Foot Copy Constructor.

Foot Default Destructor.

Foot Foot \* Foot Operator.

Foot Double Conversion Constructor.

Foot Foot / Foot Operator.

Foot Double Conversion Constructor.

Foot Foot + Foot Operator.

Foot Double Conversion Constructor.

Foot Foot - Foot Operator.

Foot Double Conversion Constructor.

Foot Default Assignment Operator.

Foot Default Destructor.

Foot Default Destructor.

Foot Default Destructor.

Foot Default Destructor.

Foot Default Destructor.

F4 = -14.9572

Demo 212

M4 = M1 / M2 + M3 \* -M2 - M5

Meter Double Assignment Operator.

M4 = 0

Meter Default Constructor.

Meter Negation Operator.

Meter Copy Constructor.

Meter Default Destructor.

Meter Meter \* Meter Operator.

Meter Double Conversion Constructor.

Meter Meter / Meter Operator.

Meter Double Conversion Constructor.

Meter Meter + Meter Operator.

Meter Double Conversion Constructor.

Meter Meter - Meter Operator.

Meter Double Conversion Constructor.

Meter Default Assignment Operator.

Meter Default Destructor.

Meter Default Destructor.

Meter Default Destructor.

Meter Default Destructor.

Meter Default Destructor.

M4 = -11.3857

Thank you for using Assignment 5

Meter Default Destructor.

Foot Default Destructor.

Meter Default Destructor.

Meter Default Destructor.

Meter Default Destructor.

Meter Default Destructor.

Meter Default Destructor.

Foot Default Destructor.

Foot Default Destructor.

Foot Default Destructor.

Foot Default Destructor.

Foot Default Destructor.

Press any key to continue