output.txt

```
Captured comment: /* importing header */

Imported math
Imported stdio
Import already exists
Single line comment: // declaring function prototype

Prototype inserted: int add(int,int,float)
Prototype inserted: int scan()
Prototype inserted: void add(int,float,double)
Captured comment: /*|    multi-line comment|    /* support nested also */|*/

Single line comment: // variable declaration

0 0.000000 0.000000  < - - - - - - - - - -
Single line comment: // deleting variables

Discarded variable c
Discarded variable b
Discarded variable a
Captured comment: /* variable initialization */

10 0 10 0  < - - - - - - - - - -
Calling function float max(any,any)
3.000000 0.000000  < - - - - - - - - - -
Captured comment: /* valid comment */

Discarded variable f
Discarded variable e
Discarded variable d
Discarded variable c
Single line comment: // variable assignment

a: 100  < - - - - - - - - - -
b: 1  < - - - - - - - - - -
Calling function float max(any,any)
b: 101  < - - - - - - - - - -
Discarded variable b
Discarded variable a
```

```
Captured comment: /* condition */


If condition is True

Actually executed since 10.000000 < 100.000000  < - - - - - - - - - - -

If condition is True

Also executed < - - - - - - - - - -

if processed

If condition is False

if processed

if processed

------------ separator ----------------- < - - - - - - - - - -

If condition is True

5 < 10 and 10.000000  < 15  < - - - - - - - - - -

if processed

If condition is False

if processed

Loop matched

Iterating - 0, value: 0
Iterating - 1, value: 15
Iterating - 2, value: 30
Iterating - 3, value: 45
Iterating - 4, value: 60
Iterating - 5, value: 75
Iterating - 6, value: 90

Captured comment: /* library function */


Calling function int scanInt()

Taking int input 0

0  < - - - - - - - - - -

Calling function int scan()

Value after scan is: 0.000000  < - - - - - - - - - -

Discarded variable f

Discarded variable n

Calling function void show(any)
From show function: 24.000000

Calling function float max(any,any)

Calling function void show(any)
From show function: 5.000000

Calling function double sqrt(any)

Square root of 42 is :6.480741 (float) < - - - - - - - - - -

Calling function double sqrt(any)

Stay in real world

Square root of -42  is :0 (int) < - - - - - - - - - -
```

```
Calling function int toInt(any)
Warning - library converter is not imported

6.480741  becomes 6  after toInt < - - - - - - - - - -

Calling function float toFloat(any)
Warning - library converter is not imported

6  becomes 6.000000  after toFloat < - - - - - - - - - -

Calling function double toDouble(any)
Warning - library converter is not imported

6.000000  becomes 6.000000  after toDouble < - - - - - - - - - -

Single line comment: // user defined function


Calling function int add(int,int,float)

0  < - - - - - - - - - -

Calling function void add(int,float,double)

Calling function void add(int,float,double)

Invalid assignment from void to int

Function not found
program executed
----------Printing all variables----------
a(float) 10.000000 -> b(float) 100.000000 -> c(int) 15 -> i(int) 105 -> n(int) 6 -> m(int) 6 -> result(int) 24 -> mx(dc


Printing all prototype
int add(int,int,float)
int scan()
void add(int,float,double)

All library functions are:
int scanInt()
float scan()
void show(any)
float max(any,any)
double sqrt(any)
int toInt(any)
float toFloat(any)
double toDouble(any)

Printing all imports:
math
stdio
```