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-else processed

If condition is False

Else condition is True

Inside else. Since 10 is < than 100.000000  < - - - - - - - - - - -

If-else processed

If-else processed
```

```
------------- separator ----------------- < - - - - - - - - - -

If condition is True

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

If-else processed

If condition is False

Else condition is True

Executed else block < - - - - - - - - - -

If-else 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 < - - - - - - - - - -

Calling function void show(any)
From show function: 6.000000

Invalid assignment from void to int

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(double) 5.000000 -> rootf(float) 6.00
```

```
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
```