1. output: This is a longstring that takesfour lines toprint!

2. d legal: output “ /\* “

3: move i out of the loop

4. (1)new cannot used as an identifier

(2) \_Count identifier cannot start with underscore followed by an uppercase

5.

int i; default initialized to 0 since not in any function

bool b: default initialized to false since not in any function

int j: undefined since in a function

int k = b; initialized 0 by type conversion from false

double d: undefined not default initialized since in main();

6.dangleing out

7. tip is not declared. Declare tip before double total = tip =tab \*0.18

8. declaration sum() inside the calss

Point \* sum(Point &);

public:

prentsis inside: new Point ((..

9. dist (&Point p) //p is a reference; need to declare dis() inside the class

p->x use p.

p->y use p.

change to Point &p.

public:

int idst(Point &)

return sqrt(i + j) //declared as an int, put here may truncate, but this is not a compiler error

10.

aswap() must either be declared before main() or moved before main

b < sizeof(a) // give you the space it takes – 40 bites , change to sizefo(a)/sizeof(int)

void aswap(int I, j) //j needs to declared indivially

a[j] should be asigned the value stored in tmp

11. default in struct is public; but default in class is private.

You can make them same if you label them private or public.

Programmer has to consciously share members in a class, whereas by omission they can be shared in a struct.

12.signature of a function?

Name and the ordered list of types it takes for parameters. Function return type is NOT part of its signature.

Why important? It allows for static typing wherever the function is invoked (for parameters passed in), and it allows the compiler to determine which function or which version of a function is being called.

13. static variable is defined within some scope(typically a function) but not allocated in the activation frame of the block in which it is declared, but rather in the data segment(or heap). Automatic variables only