ITEM 2 Prefer constgenums to # define # define ASPECT_RATIO 1.653 - The name ASPECT-RATIO is never deen by compiler, it gets removed by preprocessor and may not get entered in symbol table. -> It is confusing if you get error during compilation since eresor mag may refer to 1.653 and not ASPECT_RATIO Const double AspectRatio = 1.653 - 9t is entered in symbol table. - use of const. yields to smaller code bloz pre processor blind substitution of macro/# define shesult in multiple copies of 1.653 in object code but use of const will result in only one Dropy.

Class, Static, Const le. =7 To make sure there is atmost constant, make it static): 16. # define don't respect scope ice Class A ince private: Static const double AMember; 6 const double A: Amember = 1.36; 1 declaration of static class, constant goes in header file. & obfination of static class constant gols to imp file But what if compilers mant to cerray at Compilation time

Prefer Enum & # outine. Class GramePleyer? private; enum { Num Turns = 5 y; Ent Scores [Alum Turns]; => enum behowes some many more than like # define them const => its not legal to take address of enum like U # define. => If we don't mant anyone to get seference pointer to one Oof Integral constants a endon great may to enforce.

Date:
Plefer in line template to # define
define CALL-MAX (a, b) flax b) ?1a):
CALL-MAX (++a, b) > 1/a incremented twice CALL-MAX (++a, b+10); 1/a incremented one
template (Typename T)
in line void call Max (const Td az const Tdb)
in line void call Max (const T& a, const T&b) f (a>b? a:b);
-> since we don't Know what is T.
-> Since we don't know what is T, me pass by reference to const.