Daily Assessment gormat Name Joh & Donne Date: 26 lov6 1 2020 Van: 4ALITECO37 course: c++ phagramming Topic: challenges certificate Github Repository: jyoti-consece Report forenoon session details esset is a statically typed, compiled, general purpose, case sensitive, prespons programming linguage that supports procedural, object orientet, & generic programming -> c++ is regarded as a middle level language as it comprises
a combination of both high level of low level language
features. -> ett was developed by Bjune stronsteup struting in 1979 at Bell Labs in murray hill, new jury, as an enhancement but later to the clanguage foriginally named with classes but later it was renamed c++ in 1983. A programming language is said to use static typing when type checking is performed during compile time as appropriate the said of the sai opposed to suntime oop cert fully supports object oriented programming, including the your pillars of object oriented development · Encapsulation · Data hiding · Inheritance ·polymorphism · standard libraries standard et + consists of three impostant parts-

The core language giving all the building blocks including variables, data types & Literals lete The cost standard library giving a sich set of June manipulating giles, strings, etc · The standard template library (STL) giving a sich set of methods manipulating data structures, etc The ANSI standard is an attempt to ensure that can be portable, that code you write got merosogtis congiler will compile without errors, using a compiler on mixe Onix, a windows box, or an alpha the ANSE standard has been stable for a while, & all the major c++ Compiler manufactures support the ANSI Etandard - The most important thing while learning extisto focus on concepts. the puspose of learning a program. -ng language is to become a better programmer; that is to become more effective at designing & impleme - nting new systems of at maintaining old one -> cot supports a variety of programming styles you can write in the style of fostsan, comalitals to -> cet is used by hundred of thousands of programmers in essentially every application domain. - c++ is being brighty used to write device drivers of other rottome that rely on direct mampulation of hardware under realtime constraints..