Computer Science 2 nd years 13 04 2020 Subject - DBMS PL/SQL Introduction PL/SQL is a block structured largerye that enables developers to combine the Power of SQL. with Procedural Statements. Al the statements of a block are passed to Grade engine all at once which Increased processing speed and decreases the traffic Desadvantage of SQL J 1) son doesn't provide the programmers with a technique of condition cheeking clooking and branching. 2) SQL Statementes are passed to cracle engine one at a time which Increase traffic and decreases speed. 3) sal has no jacility of error checking during manipulation of data.

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Featilizes of PL/SQL. 1) PL/SOL is basically a procedural language, which provide the functionality of decision making, Iteration and many more features of Perocedural programming languages. 2) PL/sac can execute a number of quies in one block using single command. Procedures, functions, Packages thiggers and types, which are stored in the database for newse by application. 4) PL/SOL provides a jeatures to hardle the exception which occurs in PL/sal Block. Uknown as exception handling Block. 5) Application written du PLSEL are portable do competer hardware or operating system where oracle is operational 6) PL/562 offers extensive ouron checking

Defference between sal and PL/sol SOL PL/SOL. I) sal is a single grung 1) PL/sal is a block of that is used to write of Codes Anat used to write to entire program Blocks/ perform DML and DDL operation Procedures / Junction etc. 2) PL/SOL is procedural 2) It is declarative, that defines how the needs, to be done, rather things needs to be done than how things need to be done. , the Day county 3) Execute as a whole Blook 3) Execute as a single Statement. an application. 4) mainly used to !. manipulate d'ata s) It is an extension of s) cannot contain Spic, so it can PL/sal code in it Contain Sol Inside it. Augustus

Structure of PL/SQL Blocks: PL/SQL extends SQL By adding constructs Journal win Procedural languages, I meauthing in a structural language that is more powerful than SQL. The Basic unit in PL/sac is a Block. All PL/SQL programs are made up of Block. which can be nested within each other. (NOT TOWN PL/SOL Block > Declare --> Begin Exception End. Typically each Block knows a logical action in the program. A Block has the following Storucture ..

DECLA-RE declaration Statements; BEGIN EXCEPTIONS END;